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PRODUCT GUIDE

H D S D



Mobile Video Studios
TFT LCD Monitors
Digital To Analogue
Converters
DVD Recorder
Chroma Key
Hard Drive Recorders
Video Standard
Converter
Time Base Correctors
Long DV Cabling
DV Repeaters
Switchers
And More

HD • SD



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❖ HD / SD SDI

Digital Mobile Video Studio

MS-1000

The Datavideo MS-1000 is a one box solution designed around the SE-1000 6-channel SD / HD vision switcher. The MS-1000 system provides the option to work in Standard Definition or High Definition. The MS-1000 features six inputs (five HD/SD SDI and one DVI/RGB) and three outputs (three HD/SD SDI), RS-422 control, Ethernet connectivity and a built-in, 10-bit, 6-channel frame synchronizer that synchronizes all inputs without the need for Gen Lock (external Gen Lock synchronization also available).

To assist the producer during any live event the SE-1000 also features six built-in HD-SDI to HD-YUV, SD-YUV and Composite format converters enabling loop through of each input for real time monitoring during production.

The ITC-100KF1000 is a SD & HD solution for users that require a flexible, but at the same time affordable solution, perfect for applications within education, places of worship, internet streaming, event & live staging, conferences and many more. The whole system is fully integrated with the ITC-100KF1000 for talkback / intercom, 2 x TLM-433 monitor bank, and the TLM-170 main output monitor.

The MS-1000 is the ultimate SD & HD Mobile Video Studio – a true one box solution for “live in seconds” with easy setup & break down on any location.



HD/SD

❶ 6-Channel Vision Switcher SE-1000

Compact, High Definition and Standard Definition video switcher, with six inputs (five HD or SD SDI and one DVI-I). Three outputs (HD or SD SDI), RS-422 control, Ethernet connectivity. Nine wipe patterns and three directional wipes. Operates in all recognised SD and HD formats, enabling integration with existing equipment, while at the same time being future proof.



❷ 3 x 4.3" TFT TLM-433



High resolution 16:9 & 4:3 TFT LCD 19" Rack Mount 3 x 4.3" wide screen monitor with switchable aspect ratio, 16:9 & 4:3. Easy to use adjustments for brightness, contrast, colour for all three monitors. Transparent loop-through of the video signal from all inputs. The monitors can be tilted up or down even when they are mounted in a rack. Each monitor has a two colour tally light immediately above the screen.

❸ Talkback/Intercom ITC-100KF1000



Keeping communication open between the Camera crew, the producer, lighting, floor manager etc. is vital in any live production. ITC-100KF1000 is a 8-channel talkback/intercom system that comes supplied complete with 6 x cameraman belt pack with headset/microphone & tally box indicator. Additional belt packs and extension cables available.

❹ 3U Rack Shelf RP-19



Practical 3U rack shelf allows easy integration of optional DVD, Hard Drive or VCR Recorder/Player

❺ 17" HD & SD monitor TLM-170

High quality reference monitor designed to assist as program monitoring during production and also as confidence monitoring after recording to verify production on location. Supplied in a 1U sliding rack shelf for mobility. HD/SD YUV, Y/C & Composite Video connections. Built in audio.



DV | Y:U:V | Y/C & Composite Video

Digital Mobile Video Studio

MS-800

At the heart of the MS-800 lies the SE-800 4 channel DV / analogue audio video switcher. The SE-800 allows four channels of digital or analogue video and up to six channels of audio to be mixed / switched.

The whole system is fully integrated with the ITC-100 for talkback / intercom, RMC-140 for next source pre-view and tally display, TLM-404 for input monitoring and TLM-702 for next source and main output monitoring.

One box solution for "live in seconds" at any Conference, Studio, Outside Broadcast or Internet Streaming facility.

Outputs include: Component (Y.U.V) which could be connected to a DVD recorder or projector, DV which could be connected to a DN-300 HDD DV recorder or a DV Deck and SDI output for live broadcast.

The SE-800 also provides a SDI overlay facility allowing broadcast quality titling using Datavideo CG-100 SDI CG software, for example.



1 DV/Analogue Switcher

SE-800

The SE-800 is a 4-Channel DV / analogue Audio & Video switcher with DV, Analogue & SDI output. Mix any of above inputs and thanks to the built in 4:2:2 frame synchronizer no genlock is required. SE-800 also features more than 50 Digital Effect, Mosaic, Paint, six channel audio mixer, Picture in Picture, SDI graphic overlay and more.



2 4 x 4" TFT LCD Monitor Bank

TLM-404



Provides pre-view of all four camera sources. Transparent loop-through of the video signal from all inputs. The monitors can be tilted up or down even when they are mounted in a rack. Each monitor has a three colour tally light immediately above the screen.

3 2 x 7" TFT LCD Monitor Bank

TLM-702



19" Rack Mount 2 x 7" wide screen monitor with switch able aspect ratio, 16:9 & 4:3. Provide the producer with a next source and program output for confidence.

4 Talkback/Intercom

ITC-100



Keeping communication open between the Camera crew, the producer, lighting, floor manager etc. is vital in any live production. ITC-100 is a 8-channel talkback/intercom system that comes supplied complete with 4 x cameraman belt pack with headset/microphone & tally box indicator. Additional belt packs and extension cables available.

5 Hard Drive Recorder

DN-300

Record direct to hard drive in ready to edit formats including AVI, MOV and M2T. Recording time up to 18 hours.



6 Rack Shelf

The practical rack shelf allows easy integration of optional DVD, Hard Drive or VCR Recorder/Players.



Mobile Video Studio | Features

Datavideo PD-1 power distribution center provides a simple and secure solution for connecting power in the studio or in the field from a 12V source, such as a generator

The MVS range is designed to be ready in seconds on any location

An extensive rear panel accessory range ensures easy connection to existing equipment on location or in the studio.

Easy Setup, break down and storage

Standard 19-Inch rack unit for integration with 3rd party products like wireless microphone systems and traditional tape based existing recorders

Full integration tally and talkback system for up to eight crew members

Loop through of all camera sources, not just next source and program output, for confident preview of all live sources

Sliding Shelf



Bespoke sliding shelf designed for the SE-800. Locking feature holds the SE-800 shelf in a fixed location during production

Anti Shock



Anti shock padding protects the MS-800 during transit.

Securing Panel



Securing SE-800 during transport and operation, while maintaining access to headphones and microphone connections.

Complete Integration



MS-800 is fully integrated with cable loom and power distribution

Cable Storage & Access



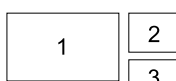
Easy access to internal cable loom and storage for additional cabling during transport, is made easy with the quick release pivoting back panel

Transit Lock



Transit lock of the SE-800 to avoid transit damage.

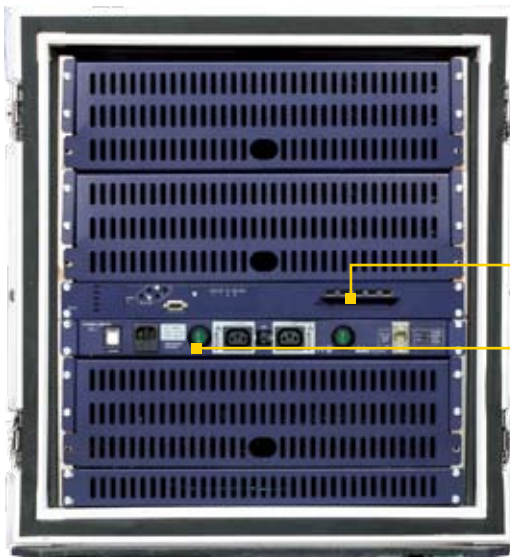
Application



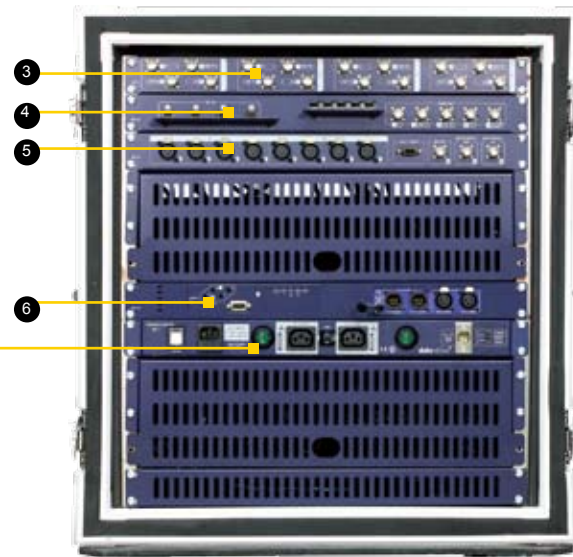
- 1 MS-800 Live-In-Seconds On Location
- 2 Outside Broadcasting Application
- 3 Conference & On-Stage Application

MS-800 Rear Panel Configuration

Standard Edition



Advanced Edition



Standard Edition

1 Power Distribution Center PD-1



Dedicated power distribution for all components within the MS-800. In addition the PD-1 also provides two power outlets. Can be operated from DC as well as AC power.

2 Next & Preview, Tally & DV Output Panel RP-7



RP-7 is a multi function panel. Combining a RMC-140 box with a VP-332. The RMC-140 provides the producer with a Next source & Program output, as well as Tally output for the camera crew, while the VP-332 enables up to five DV output

Advanced Edition

3 Analogue Video Panel RP-1



Allows easy connection of Component (Y:U:V) and Composite Video (CV) video equipment to each of the four video inputs on the SE-800

4 DV In/out & Analogue video out panel RP-2



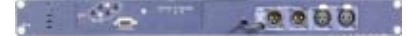
Multi function panel. Allows easy connection of up to four DV input sources e.g. DV camcorders or VTR's. RP-2 also provides five identical DV output streams, plus Composite Video (CV) & Component output.

5 Talkback & SDI Output Panel RP-6



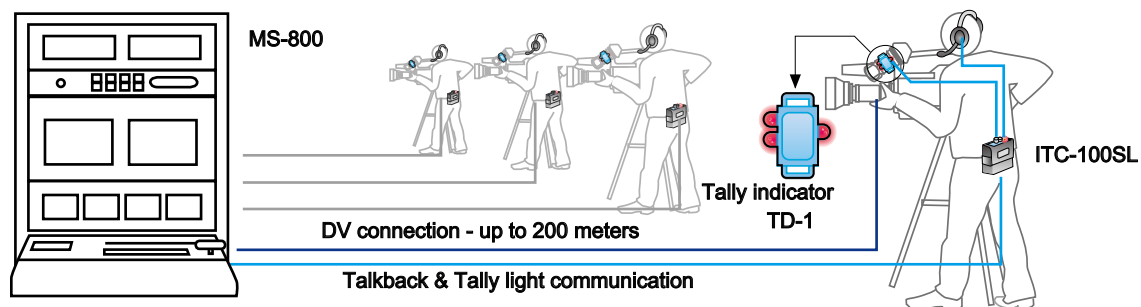
Multi function panel. Allows connection of up to 8 talkback belt packs (ITC-100SL). Plus SDI in & out connection for the SE-800, including connection for SE-800 SDI overlay function.

6 Tally Light & Balanced Audio Panel RP-4



Multi function panel. Combining RMC-140 & BAC-03. The RMC-140 provides the producer with a Next source & Program output, as well as Tally output for the camera crew, while the BAC-03 allows connection of balanced XLR input & output to and from the SE-800.

Setup Diagram



MS-800 Accessories (Included)

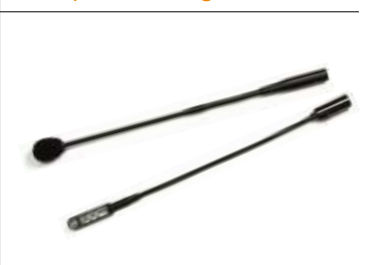
Belt Packs

ITC-100SL



Camerman slave unit with connection for microphone headset and tally light (supplied with carrying case)

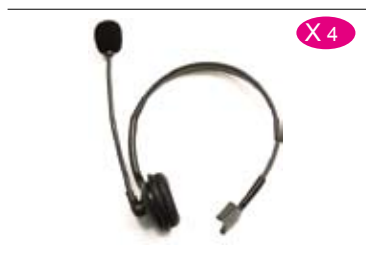
Microphone & Light MC-2/ LP-1



XLR gooseneck microphone and XLR gooseneck light

Microphone Headset

MC-1



Headphone and microphone set (Standard head phone jack connection).

Tally Indicator

TD-1



Tally indicator for cameraman and actor (supplied strap for easy mounting to viewfinder or wrist)

20 Meter DV25 FireWire Cable

2066



High quality 20m DV25 FireWire cable suitable for DV/DVCAM applications. Use DV repeaters to join multiple cables - (Maximum recommended length 200m)

1.2 Meter Tally Cable

CB-7



Connecting ITC-100SL with the TD-1 (Tally indicator)

20 Meter Intercom Cable

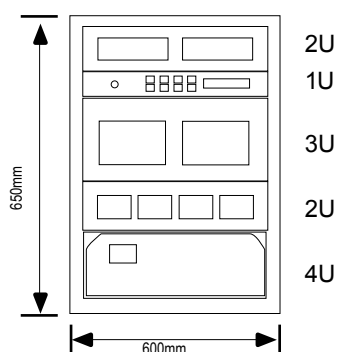
CB-3



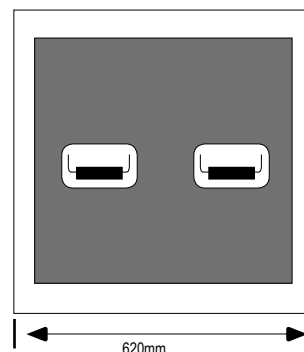
20m Intercom cable (Cascade up to 200m).

Dimensions

Front



Side



Voltage: 100-240VAC, 50/60HZ, 2.5/1A, 150VA MAX
Weight: 85KG.

❖ S-Video (Y/C) & CV Mobile Video Studio



MS-500

The Datavideo MS-500 is a one box solution designed around the SE-500 4-channel vision switcher. The MS-500 system is both flexible and affordable, with specifications that can meet any budget or demand, and is perfect for applications within education, places of worship, internet streaming, event & live staging conferences and many more.

The whole system is fully integrated with the ITC-100 for talkback / intercom, TLM-702 for SE-500 unique quad preview, next source and main output monitoring.

Output options include: Component (Y.U.V) which could be connected to a DVD recorder or projector.

Easy setup and break down on location



❶ Digital Analogue Switcher SE-500

4-input Y/C (S-Video), Composite Video switcher with unique quad pre-view output, allows display of all 4 sources on a single monitor. On-screen tally light indication



❷ 2 x 7" TFT LCD Monitor Bank TLM-702

The TLM-702 utilises the SE-500 unique quad pre-view output, allowing users to monitor all 4-input sources on one of the high quality 7" TFT LCD monitors, while displaying the master output on the second 7" TFT LCD monitor.



❸ Talkback/Intercom ITC-100



Keeping communication open between the Camera crew, the producer, lighting, floor manager etc. is vital in any live production. ITC-100 is a 8 - channel talkback/intercom system that comes supplied complete with 4 x cameraman belt pack with headset/microphone & tally box indicator. Additional belt packs and extension cables available.

❹ Rack Shelf



The practical rack shelf allows easy integration of optional DVD, Hard Drive or VCR Recorder/Players.

Mobile Video Studio

Datavideo PD-1 power distribution centre provides a simple and secure solution for connecting power in the studio or in the field from a 12V source such as a generator.

The MVS range is designed to be ready in seconds on any location

An extensive rear panel accessory range ensures easy connection to existing equipment on location or in the studio.

Easy Setup, break down and storage

Standard 19" rack unit for integration with 3rd part products like wireless microphone systems and traditional tape based existing recorders

Full integration tally and talkback system for up to eight crew members

Quad preview of all camera sources, not just next source and program output, for confident preview of all live sources

Features

Sliding Shelf



Bespoke sliding shelf for SE-500

Anti Shock



Anti shock padding protects the products during transit

Safety Panel



Securing the SE-500 during transport

Complete Integration



MS-500 is fully integrated with cable loom and power distribution center.

Cable Storage & Access



Easy access to internal cabling loom and storage for additional cabling during transport is made easy with the quick release pivoting back panel.

Transit Lock



Transit lock for the bespoke sliding shelf to avoid transit damage

Rear Panel Configuration

Standard Edition



1 Talkback & Tally light Panel RP-17



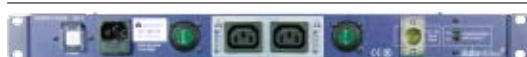
Multi function panel for connection of up to eight ITC-100SL belt packs and TD-1 Tally light indicator

2 Video & Audio Connection Panel RP-18



Multi function video & audio connection panel. Connection for all four Composite Video, two microphone and one AUX audio input. Composite Video & audio output connection. Plus two 12V 4A & one 12V 7A DC output connection for additional equipment.

3 Power Distribution Center PD-1



Dedicated power distribution for all components within the MS-500 in addition PD-1 also provides two power outlet. Can be operated from DC as well as AC power.

MS-500 Accessories (Included)

Belt Pack ITC-100SL



Microphone & Light MC-2/ LP-1



20 Meter Intercom Cable CB-3



Microphone Headset MC-1



1.2 Meter Tally Cable CB-7

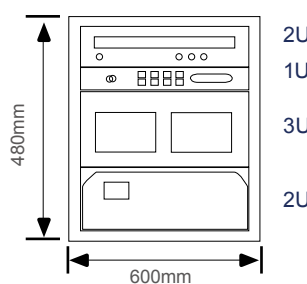


Tally Indicator TD-1

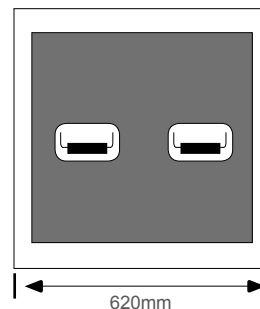


Dimensions

Front



Side



Voltage: 100-240VAC, 50HZ/60HZ, 1.4/0.7A, 90VA MAX
Weight: 50KG

S-Video (Y/C) & CV Mobile Video Studio



HS-500

The Datavideo HS-500 is a compact, portable one box solution, built around the SE-500. Designed with no compromise in performance for users where weight matters. Perfect for applications within education, places of worship, internet streaming, event & live staging, conferences and many more. The HS-500 is a fully integrated solution housed in a stylish and light aluminium carrying case, for easy and secure transport and storage. The input connections include Composite Video and Y/C (S-Video), output also includes Component (Y:U:V), which could be connected to a DVD recorder or projector.

1 Digital Analogue Switcher SE-500

4-input Y/C (S-Video), Composite Video switcher with unique quad pre-view output, allows display of all 4 sources on a single monitor. On-screen tally light indication



2 2 x 7" TFT LCD Monitor Bank TLM-702



The TLM-702 utilises the SE-500 unique quad pre-view output, allowing users to monitor all 4-input sources on one of the high quality 7" TFT LCD monitors, while displaying the master output on the second 7" TFT LCD monitor.

Dimension

Voltage: 100-240VAC, 50HZ / 60HZ, 1.4/0.7A, 30VA MAX

Weight: 9KG

Dimensions:
555 X 430 X 155(MM)



Features

Strong Locking Pivot Points



Easy adjustment of the viewing angle of the high quality TLM-702 TFT LCD monitor.

Ergonomic Design



The aluminium case has been especially designed to make operation extremely comfortable, and setup / break down very quick

Integrated Solution



HS-500 is fully integrated with cable loom and power supply. Connection to video sources (such as camcorders) is made easy with the quick release pivoting back panel.

Aluminium Carrying Case



The HS-500 is a fully integrated solution housed in a stylish and light aluminium carrying case, for easy and secure transport and storage.

HD/SD Switcher

SE-1000

HD·SD



Datavideo SE-1000 is a new compact, high definition and standard definition video switcher ideal for applications within Education, Worship, Live, Music videos, Cable shows, Corporate videos, Event staging and many more.

Datavideo SE-1000 features six inputs (five HD or SD SDI and one DVI-I) and three outputs (three HD or SD SDI), RS-422 control, Ethernet connectivity and a built-in, 10-bit, 6-channel frame synchronizer that adjusts automatically

To assist the producer during any live event SE-1000 also features six built in HD-SDI to HD-YUV, SD-YUV and Composite format converters enabling loop through of each input for real time monitoring during production.

Features also include nine wipe patterns and three directional wipes.

Datavideo SE-1000 will operate in all recognised SD and HD formats enabling integration with existing equipment, while at the same time being future proof.

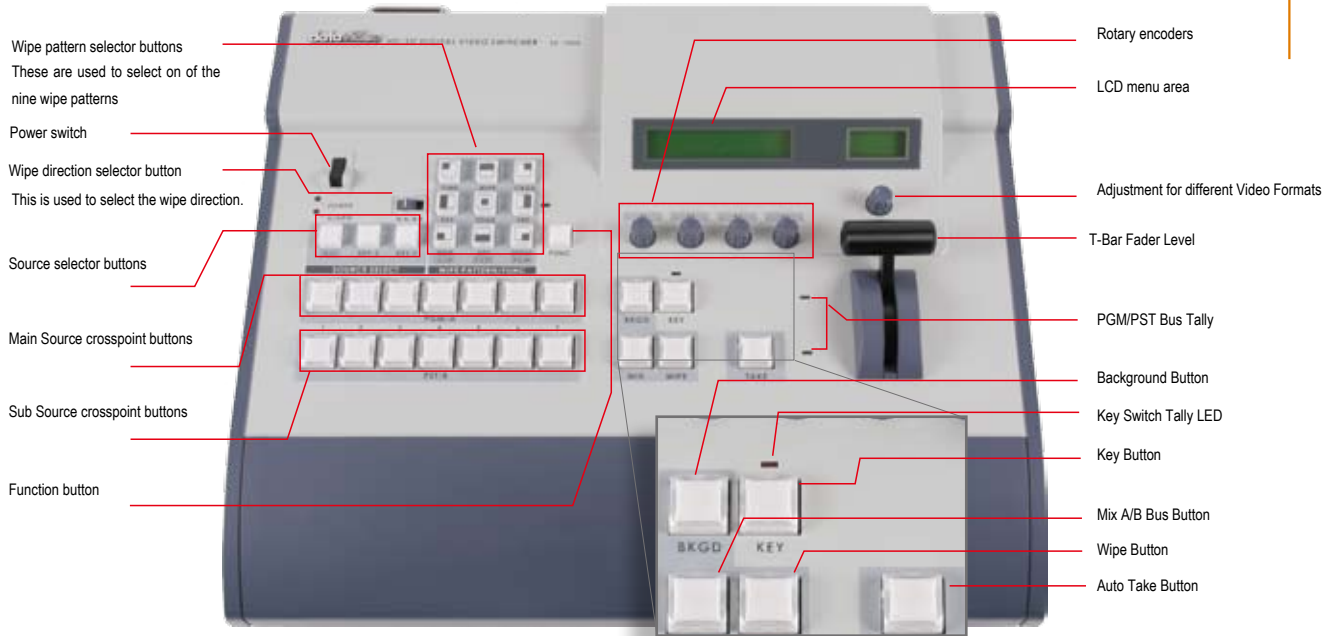
Simple operation and rugged construction allow the SE-1000 to be used in studios, in a Mobile Video Studio, on board an OB truck, in a Post Production facility, in education applications or for any application where a reliable, high quality/low cost video switcher is required.

Features

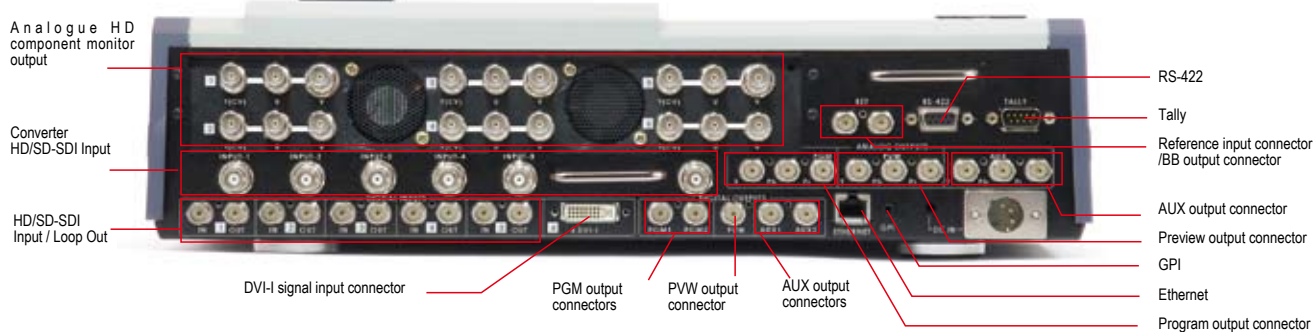
- Multi Format Compatibility
- Worldwide SD and HD formats supported in one unit (Although not mixed formats)
 - SD. 480/59.94, 576/50i
 - HD. 1080/59.94i, 1080/50i, 720/59.94p, 720/50p
- 6 inputs (5 HD-SDI or SDI, 1 DVI-I)
- 3 SDI output and 3 HD Analogue Component Output
- 10 bit Frame Synchroniser enables switching without glitch or freeze even with asynchronous video signals.
- Multiple Interfaces
- Keying - Both linear and self keying is possible as well as key invert.
- Easy Titling - Versatile titling can be achieved and enhanced by adding Datavideo CG-100 Character generator (SD only).
- 6 tally outputs and an RS-422 interface enable configuration in a wide range of switching options.
- To complete the IT infrastructure the SE-1000 has a built in network interface enabling images and graphics to be added via PC.
- Range of Switching Effects - The unit includes a wide range of simple to operate wipe patterns including nine wipe patterns and three directional wipes.
- 12 volt operation - Built in DC regulator makes this unit ideal for outside broadcast applications, and a perfect companion for Datavideo's Mobile Video Studio Solutions

SE-1000

Control panel



Rear panel connections



X5

HD-SDI
SD-SDI

DVI

All 6 input sources can be selected as key source

Background Colour

Internally generated Colour Bar

Still Image or PC Image

SD

16:9

4:3

SD aspect conversion

59.9i ↔ 50i

59.9p ↔ 50p

NTSC ↔ PAL

Six independent video standard converters

NO GENLOCK REQUIRED

Internal Genlock



Linear Key



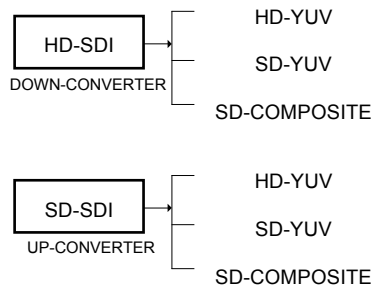
Linear Key + Self Key



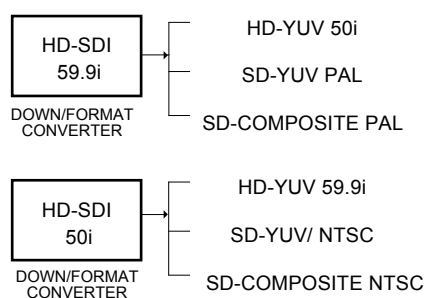
Self Key

Six independent and cross-format digital to analogue converters

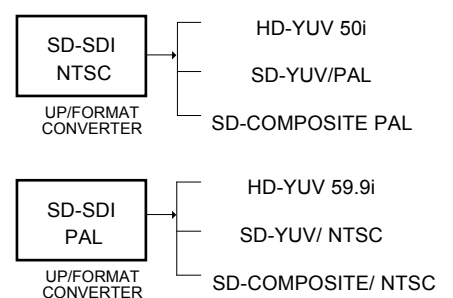
SDI Conversion



Down / Format Conversion

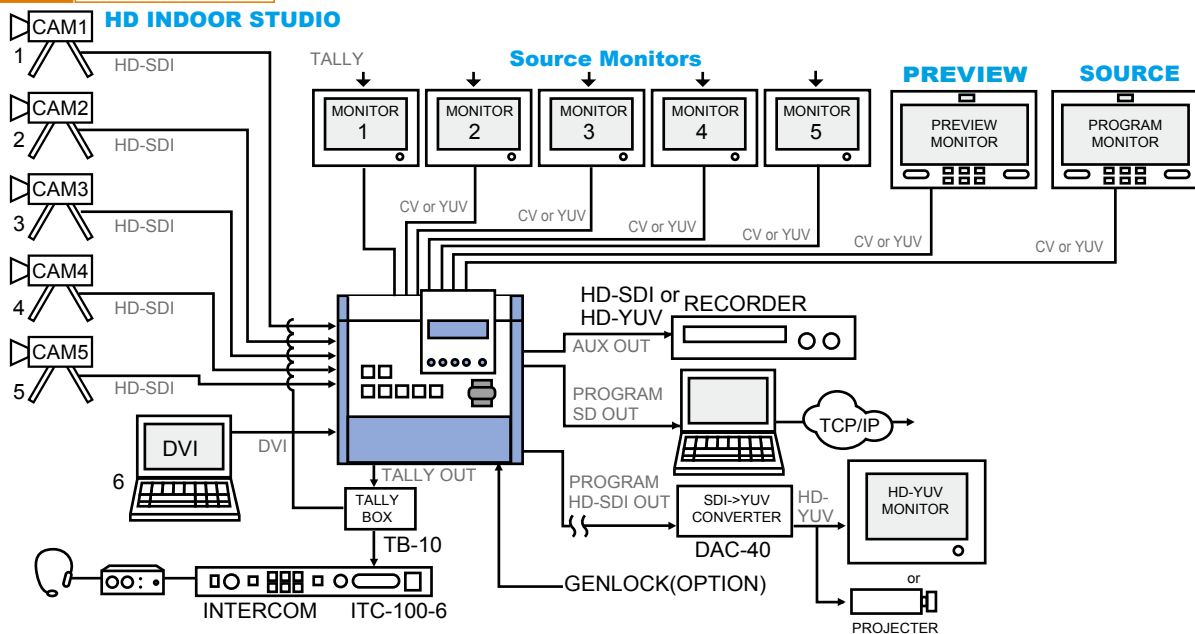


Standard Conversion

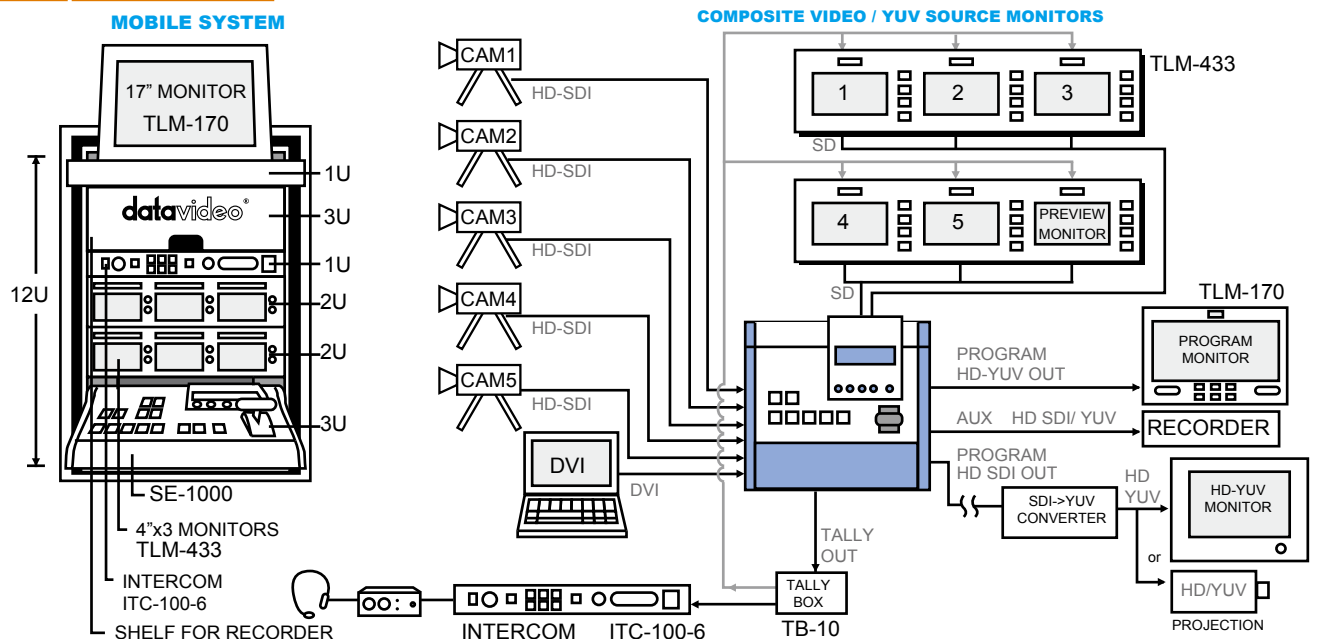


Application & Setup Diagram

Studio



Mobile System



SE-1000

■ Video processing

Video format	SD (480/59.94i, 576/50i), HD (1080/59.94i, 1080/50i, 720/59.94p, 720/50p)
	Y:Cb:Cr, 4:2:2 10 bit RGB, 4:4:4 8 bit

■ SDI/HD-SDI Specifications

Standard	SMPTE 259M-C (270 Mbps, 525/625 component video) and SMPTE 292M (1.485, 1.485/1.001 Gbps)
Connector	BNC (IEC169-8)
Impedance	75 ohms
Return Loss	HD >15dB(5 MHz to 750 MHz), >10dB(750 MHz to 1.5 GHz)
	SD >15dB(5 MHz to 270 MHz)
Equalization	265 m Belden 8281 cable at 270 Mbps; 135 m (typical) of Belden 1694A at 1.485 Gbps

■ Source Inputs

HD/SD-SDI	5 inputs (with active through output)
RGB	DV1-1 x 1 (SXGA 1280x1024, XGA 1024x768(60 Hz)
Key	1 input from video inputs.
Reference	Black burst/TRI (Loop through) x 1

■ Main Outputs

SDI	3 outputs (PGM x 2, PVW x 1, AUX x 2)
HD Analogue	3 outputs (Y, Pb, Pr: HD only) Component
Reference	Loop through x 1 (Gen-lock) / Black burst x 2 (Internal synchronization)
	Black burst/TRI (Loop through) x 1

■ Effects

Transition	Cut, Mix, Wipe (9 patterns, 3 directions)
Key synthesis	Self key, Linear key

■ Interface

Ethernet	100 Mbps / 10 Mbps x 1
Serial (EDITOR)	D-sub 9pin x 1 : RS422A
Tally output	D-sub 9pin x 1:6 ch, open collector output
GPI	1 (Auto take)

■ HD/SD Cross Converter

Inputs	6 SDI/HD-SDI
Outputs	6 HD-YUV, YUV, Composite video
Input Formats	SD (480/59.94i, 576/50i), HD (1080/59.94i, 1080/50i, 720/59.94p, 720/50p) – Auto Detect
Output Formats	SD (480/59.94i, 576/50i), HD-YUV (1080/59.94i, 1080/50i, 720/59.94p, 720/50p)
Aspect Converter	Input SD 16:9 or 4:3 Output SD 16:9 or 4:3
Video Correction	Brightness, Colour and Tint (Tint NTSC only)
IRE	0/7.5IRE -- Options

■ Operating temperature

0 °C to +40 °C

■ Humidity

10% to 90% (non condensing)

■ Power

DC 12 V / 10 A

■ Dimensions (WxHxD)

426mm(16.8") x 119mm(4.7") x 368mm(14.5")

■ Weight

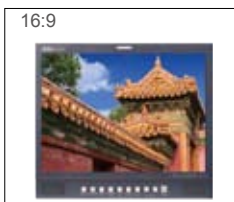
Approx. 5.5 kg/ 13.8 lbs

■ Specification in this document is subject to change without notice due to continual improvements.

Accessories



TLM-433
Monitor bank of 3 x 4" TFT
LCD monitors



TLM-170
17" TFT LCD HD & SD
monitor



ITC-100KF1000
8-channel Intercom



TB-10
Tally box



CB-10
3m HD/SD YUV Cable



CB-9
1.8m DVI Cable



RP-19
19 Inch tray designed to
hold recorders

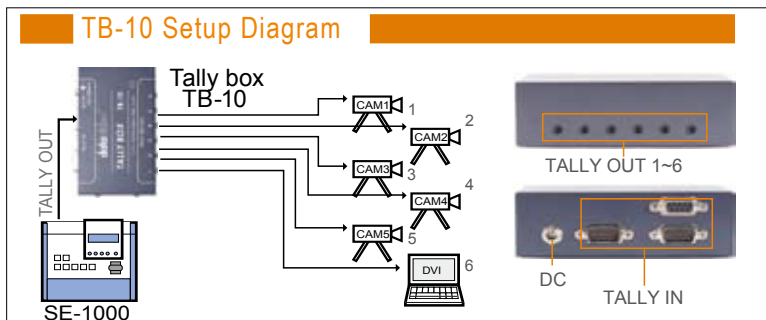


RP-20
19 Inch sliding tray for
SE-1000



TLM-433JF
Monitor & Intercom holder

TB-10 Setup Diagram



❖ Digital SD Switcher SE-900



Multi Image preview output



Datavideo SE-900 is a modular 8-channel SD switcher with a feature set that may be expanded with additional input cards and accessories. The two piece unit consists of a 19-inch rack mountable main frame, that holds up to 8 input cards, and a control panel. The modular switcher accepts a mix of 8 SD input of your choice including DV, SDI, DVI, YUV and Composite Video. Standard outputs include DV, SDI, YUV, S-Video (Y/C) and Composite Video.

SE-900 features a built in frame synchroniser and TBC for each channel for flicker free switching between all 8 inputs - in any format. Optional genlock input card is available for genlock to existing house reference. The preview output includes both next source and next effect, enabling the producer to preview any effects in confidence before "going live"

SE-900 features a down stream keyer for easy integration with character generator software such as Data-video CG-100.

To accommodate for any delay in DV or SDI equipment SE-900 includes an audio delay function as well as a DV/SDI audio embedder.

| Features

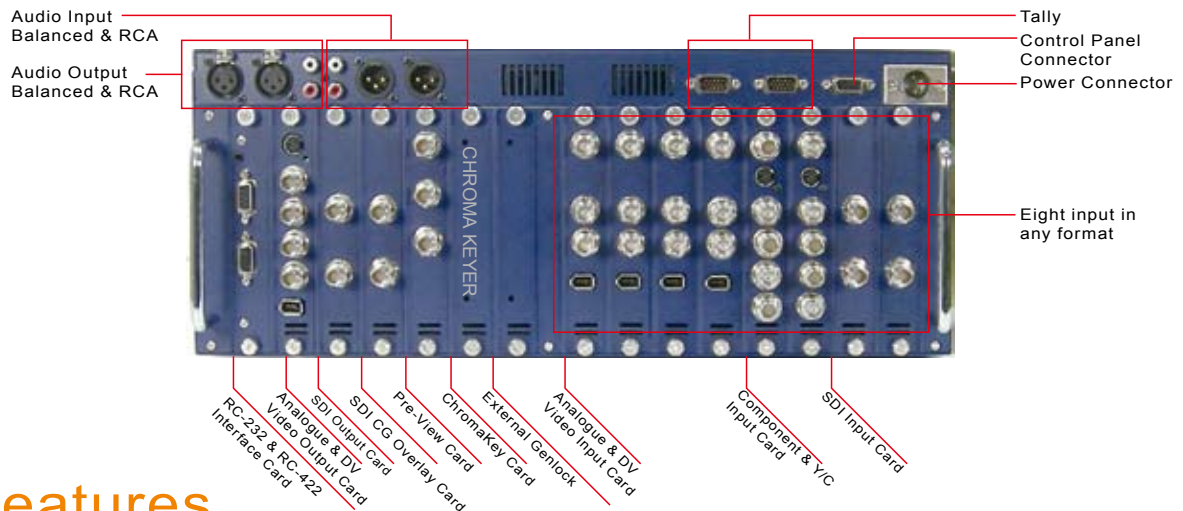
- Up to 8 inputs available for any format including SDI, DV, DVI, YUV, Composite Video
- Outputs include SDI, DV, YUV, S-Video (Y/C) & Composite Video
- Multi image preview panel allows the producer to monitor all live sources (up to 8 input) as well as Program & Next source
- Easy adjustable audio delay for perfect video/audio sync with DV & SDI sources
- SDI Audio embedder
- Audio input & output includes RCA (phono) and balanced audio via XLR
- Optional dual chromakeyer, where each keyer can accept two foreground inputs and two background inputs.
- Picture in Picture
- Tally output
- GPI & RS-232 control interface for integration with existing equipment
- SDI Graphics overlay interface for optimal quality of character generator software such as Datavideo CG-100.
- No genlock is required for flicker free switching thanks to the built in frame synchronisers and TBCs

SE-900

Control panel



Base Unit



Features



Six pre-set keys, enabling the producer to set AUTO Take, Key or other pre-event.



Quick key for selection of Fade to Black



Joystick for RGB control or PiP position



Effect selector including PiP, Mosaic, Paint, Chromakey, Logo insert and much more



The bright LCD Screen ensures easy and confident navigation of multi functions for the producer in a live situation.



Ten quick selection keys for pre-set events & effects. Makes it easy to pre-program frequently used special effects.



Internal or External sync can be easily selected.



Easy installation of optional cards including SDI, DVI, Down Stream Keyer, Genlock in and more



Built in audio delay. Corrects delay when working with DV or SDI signals



SDI Overlay for optimal quality using Data-video's CG-100 character generator software and Blackmagic Design™ DeckLink™ Card

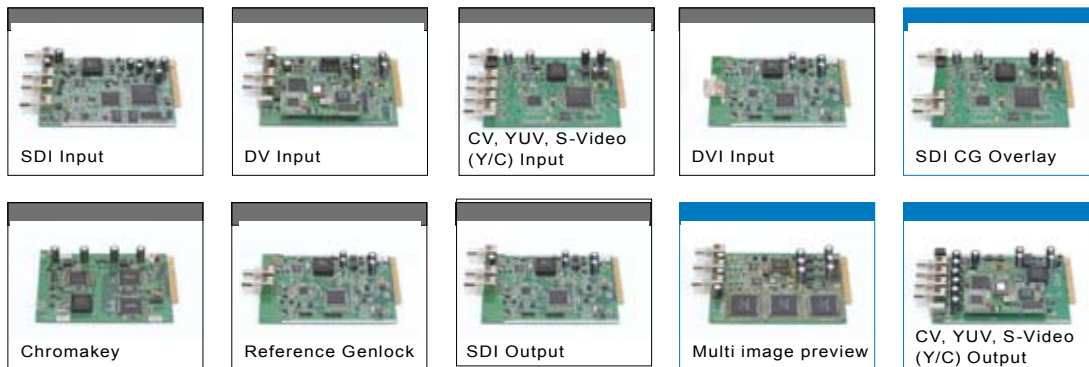


Analogue Video input card. The built in TBC ensures perfect synchronising of non genlocked signals.



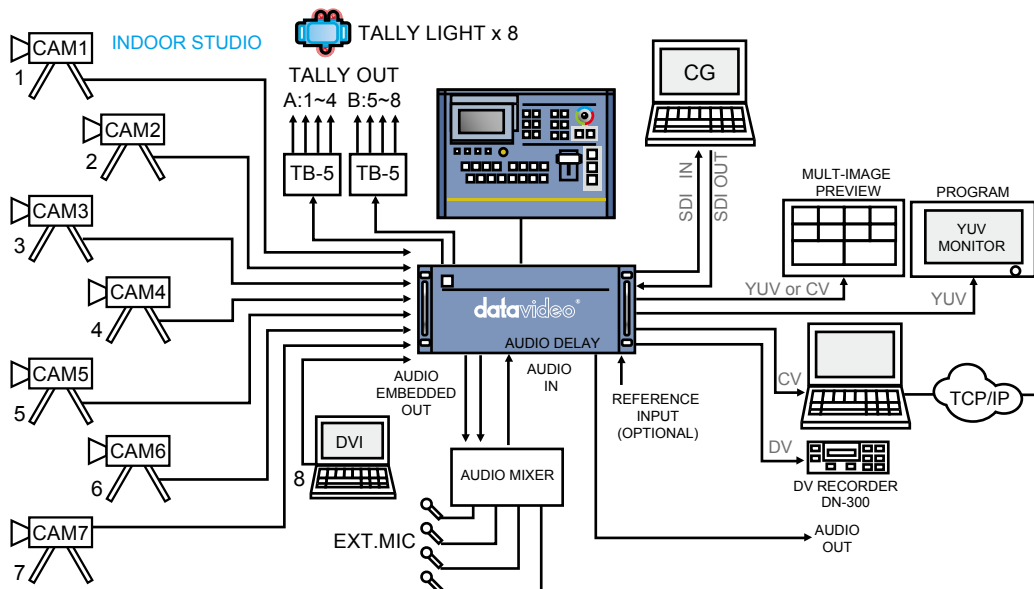
2 x Tally interface

Optional Boards

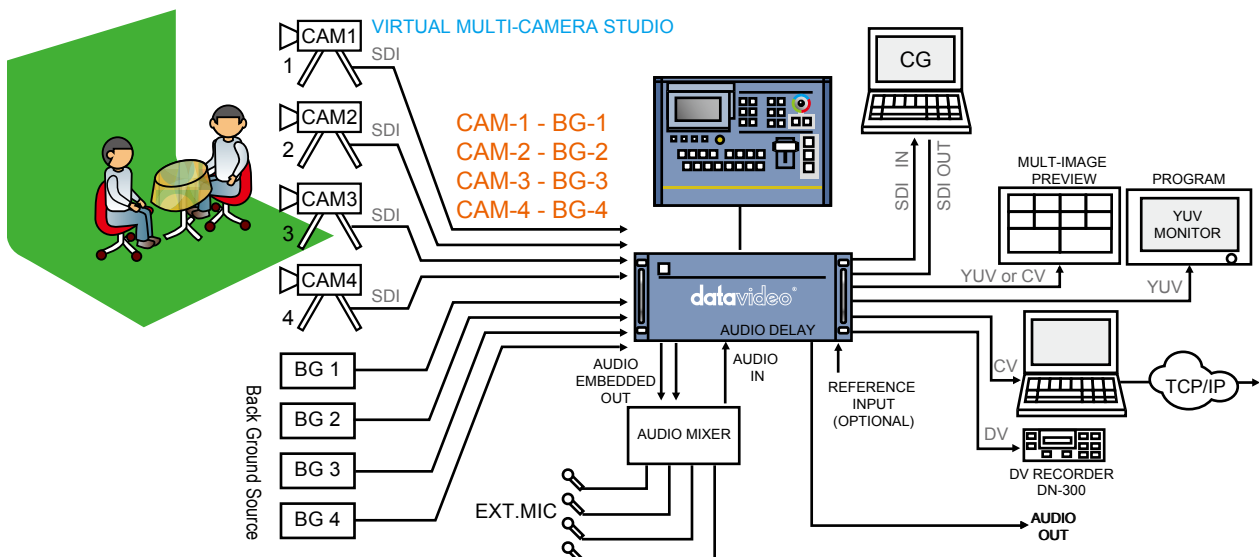


Application & Setup Diagram

Studio



Chromakey Studio



SE-900

■ Video Input

Up to eight input in any format, choice between SDI, DV, Analogue Y:U:V, Composite Video & Y/C (S-Video) as well as DVI-I

■ Audio Input

Both Balanced XLR and RCA with audio delay for perfect sync with DV or SDI video Sources.

■ Audio Delay

Adjustable for accurate sync between -16 to +1 frame

■ Video Output

Simultaneous SDI, DV, Component Y:U:V, S-video (Y/C) and Composite Video output. Additional output options include; SDI with embedded audio and DVI-I

■ Audio Output

RCA (Phone) and Balanced XLR $\pm 12Vp-p$

■ Pre-View Output

Each input include a Composite & Component Y:U:V output, as well as a unique multi-image

■ CG Overlay

SDI Graphics overlay interface using Datavideo CG-100 (Page 44) utilising Blackmagic Design™ DeckLink Card™

■ Remote Control

RS-422 & RS-232 & GPI

■ Tally interface

D-SUB 15-PIN Group A 1-4 input, group B 5-8

■ Video Correction

Video correction for each channel include; brightness, contrast, saturation and white balance.

■ 6 selectable transition speeds

■ FTB key - Short Cut Key - Fading to black

■ 8 Pre-event preset keys

■ 6 advanced ZOOM effects

■ Digital Effects:

A/B Roll, A/B Dissolve, PIP, Border Line, Art Paint, Mosaic and more the 50 digital effects.

■ Power

DC12V 10A

■ Dimensions

Main Unit 430 wide x 350 high x 17.6 deep (mm)

Control Panel 430 wide x 310 high x 95 deep (mm)

■ Weight

Main Unit 11.4KG

Control Panel 2.6KG

SE-900 Accessories



TLM-700

7" TFT LCD Monitor



TLM-70D DV INPUT

7" TFT LCD Monitor with DV In & Out



TLM-702

2 x 7" TFT LCD Monitor Bank



TLM-404

4 x 4" TFT LCD Monitor Bank



TLM-433

3 x 4.3" 16:9 TFT LCD Monitor Bank



ITC-100

8-channel intercom talk back system



1 to 1 Repeater VP-314

1 to 5 Repeater VP-332

DV Repeaters for long DV cable run or Distribution of DV signal



TB-5

Tally box and Tally light for camera tally



PPT-100

VGA TO DV Scan Converter Software, convert VGA to DV signal



CG-100

SDI Character Generator software, utilising Blackmagic Design™ DeckLink Card™



MMS-100

Matrix Microphone system



CB-10

3 meters HD/SD YUV Cable



CA-64

6-Pin to 4-Pin DV adapter



CB-1

S-video (Y/C) to BNC Converter cable



1066/2066

10/20 meter DV Cable. Cable run can be extended to over 160 meter by combining 2060 with several VP-314

❖ Digital DV Switcher

SE-800



Datavideo SE-800 is a four channel audio and video switcher where producers can combine a mix of different SD formats including DV25 (Firewire), Component (Y:U:V), S-Video (Y/C) and Composite video and stereo audio connections (In and Out).

Analogue and Digital Inputs can be used in any combination together.

SE-800 provide a combination of DV25 (Firewire), Component (Y:U:V), S-Video (Y/C) Composite video, as well as features SDI output.

The SE-800 provides a standard Composite Video loop out on each channel, enabling the producer to monitor each input source.

SDI overlay for Character Generator with Datavideo's CG-100 CG software.

6 Channel stereo mixer with advanced audio delay feature for perfect synchronising between video & audio.

Dual channel TBC and 4:2:2 frame synchroniser ensure no genlock is required for flicker free switching or mixing, even with different video formats, e.g. Composite Video and DV

Ideal for TV Studios, Outside Broadcast, Conference, Worship and Web Casting applications.

LCD Monitor Holder



TLM-404JF

TLM-407JF

TLM-433JF

Features

Front

Audio Mixer

6 Channel stereo mixer for mixing the video audio with house audio or AUX inputs (e.g. CD, MD, DAT) or Microphone

Transition effects

50+ Digital effects including Fades, Wipe, Dissolves, Zooms etc.

Adjustable audio delay, for frame accurate and perfect synchronising between video and external audio.

Joystick

Control white balance, picture in picture or Mosaic on screen location. All settings are saved on power off.

Input Selector

Main and Sub bus selector. Cut direct between sources via the main bus

Colour Processor

Brightness, Contrast & Colour setting. Active with power off memory for each channel

Preset keys

30 quick selection keys for pre-set event & effects, make it easy to pre-program special frequently used effects

Back SE-800DV

GPI Interface

Control via GPI interface 30 s pre-programmed effects

Video Input

Four video signal, each with option for DV25, Component Y:U:V, S-Video (Y/C) and Composite Video

Monitor Output

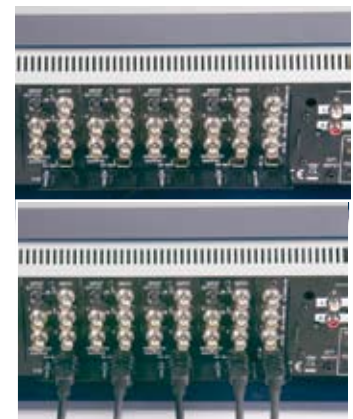
Each input is looped through to a Composite Video monitor to assist the producer.

Video Output

Simultaneous output of SDI, Component Y:U:V, DV25, S-Video (Y/C) & Composite Video

RS-232 Interface

Connect Datavideo's external control boxes (RMC-90 & RMC-120). Control protocol available online for connection to presentation software or integration controllers.



DV Input

SE-800DV provides users with four DV25 input via powered FireWire connector. DV25 provides optimal picture quality while at the same time easy installation and no quality loss using long cabling

Back SE-800AV

GPI Interface

Control via GPI interface up to 30 preprogrammed effects.

Video Input

Four video signal, each with option for Component Y:U:V, S-Video (Y/C) and Composite Video

Monitor Output

Each input is looped through to a Composite Video monitor to assist the producer.

Video Output

Simultaneous output of Component Y:U:V, S-Video (Y/C) & Composite Video

RS-232 Interfaces

Connect Datavideo's external control boxes (RMC-90 & RMC-120). Control protocol available on-line for connection to presentation software or integration controllers.



NO Genlock Required

No Genlock is required thanks to SE-800's built in dual channel TBC and 4:2:2 frame synchroniser ensuring flicker free switching or mixing, even with different video formats, e.g. Composite Video and DV

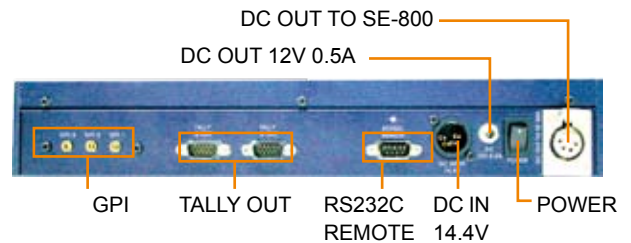
Accessories

RMC-90

Professional control panel providing tally light outputs and GPI controls for external devices. Large illuminated keyboard and ergonomic design make operation very simple.

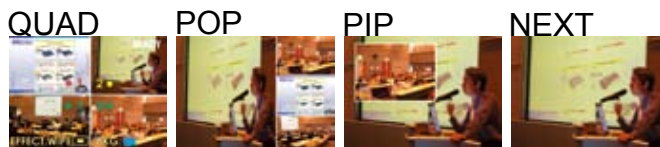


Back



RMC-140

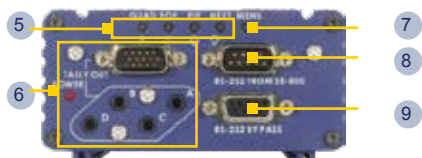
Designed specifically for the SE-800, the RMC-140 provides four different combinations of preview that include Quad, POP, PIP and Next. It provides 15 pin and 4 x 3.5mm tally light outputs. With Datavideo 50 metre tally cable (CB-1) and tally adapter TD-1, you can easily supply tally information to the camera crew, even with general DV camcorders.



Back

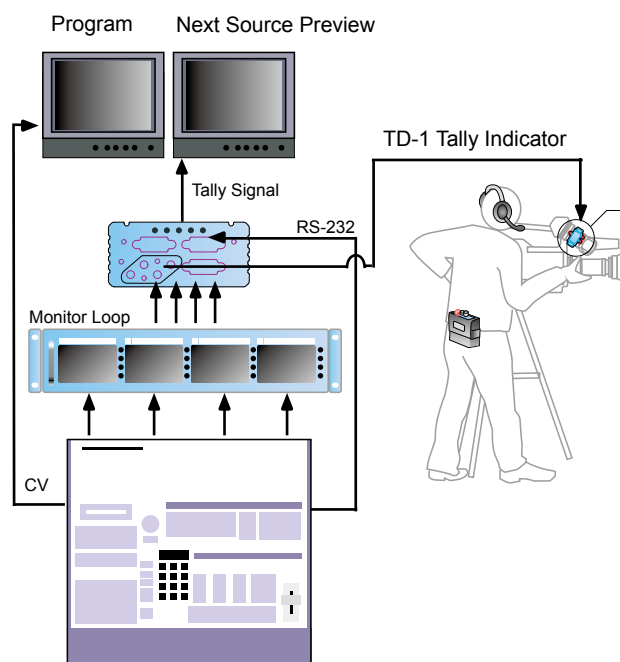


- 1 4 x Composite Video Input
- 2 Power (DV12V)
- 3 Monitor output (Quad, POP, PIP, and Next)
- 4 Full Screen pre-view with tally indication



- 5 Output option selector (Quad, POP, PIP, and Next)
- 6 Tally light output (15pin & 3.5mm jack)
- 7 Menu
- 8 RS-232 Input
- 9 RS-232 Output

Application



Accessories

RMC-120

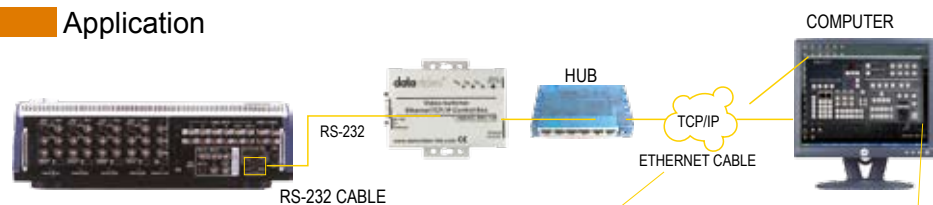
PC/Network control box allow full control of SE-800 via Datavideos free software (Available online via our website)



System Requirements

- CPU: Pentium 4, 2.4GHz
- RAM: 512MB RAM
- Screen Resolution: 1024x768
- OS: Windows XP

Application



Remote control software

Connect The SE-800 direct to a RS-232 port on a Computer and control the switcher using special computer software



Free download from <http://www.datavideo.info/products/rmc120.htm>

Accessories

Included



Bespoke Aluminium Accessories Case



TLM-404

4 x 4" TFT LCD Monitor Bank



TLM-702

2 x 7" TFT LCD Monitor Bank



TLM-433

3 x 4.3" 16:9 TFT LCD Monitor Bank



ITC-100

8-Channel Intercom/Talk-back system



CG-100

SDI Character Generator software.



DV Repeaters for long DV cabling or Distribution



DDC-1512

DC to DC Converter



BAC-03

Balanced Audio Converter



CA-64

6-Pin to 4-Pin DV Adapter



CB-10

3m HD/SD Y:U:V Cable



1066/2066

10/20m DV Cable.

❖ Digital Switcher SE-500



SE-500 Quad Screen



The SE-500 uniquely display all four input sources via a single quad output including a superimposed tally

output including a superimposed tally indicator on each input, meaning you only need two video monitors - one for all four inputs, one for output. The input display will automatically change to preview the next transition if selected.

Features include Dissolve, Fade, Wipes, Splits, PiP and Colour Processor. Channels are internally synced via a built in dual Channel TBS 4:2:2 frame synchroniser. The SE-500 can be manually operated or controlled via RS-232 & MIDI interface.

Using DataVideo DAC-6 (DV to Composite, Y/C & Component Y:U:V converter) VP-314 (DV Repeater), and 10 or 20 Meter DV Cable, it allows connection of DV equipment such as DV Camcorders or Tape machines up to 160 meters away.

The DataVideo SE-500 is a compact and light weight, four channel analogue input, digital processing video switcher with S-Video (Y/C) and Composite Video inputs. In addition to S-Video and Composite Video, the SE-500 also provides Component (Y:U:V) output.

The SE-500 is ideal for applications within Education, Seminars, Small Studios Clubs, Pubs and many more.

The SE-500 uniquely display all four input sources via a single quad

Key Features

- Digital Processor, high image quality
- Illuminated control buttons
- T-Bar control of digital video effect transitions
- Four selectable S-Video (Y/C) or Composite video inputs
- Optional Y:U:V via breakout cable
- RS-232 Remote control interface
- MIDI Control interface
- Tally output
- Audio mixer with two Microphone channels and one auxiliary input
- Colour processor for video correction
- Quad video preview monitor output with tally indicators on TV screen
- Digital video effects Split, PiP, Wipe, Fade and Quad display effect

Features



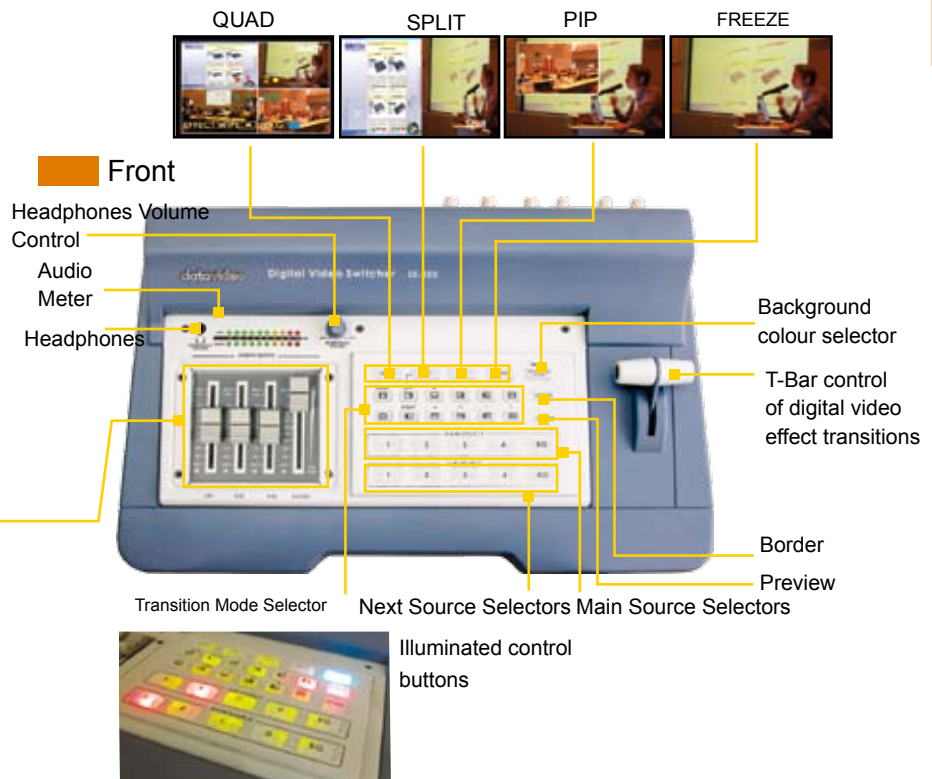
Digital Processor, high quality



Colour processor for video correction

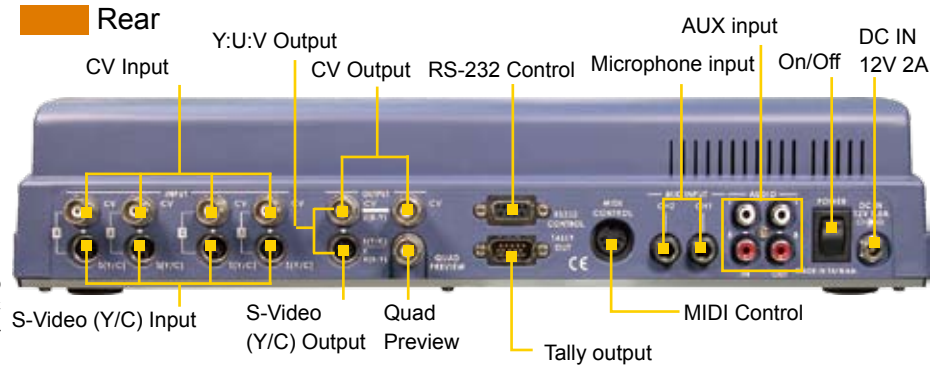


Built in audio mixer with two microphone channels, one auxiliary and video source input

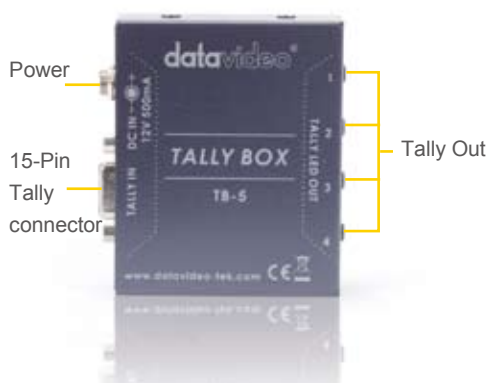


NO Genlock Required

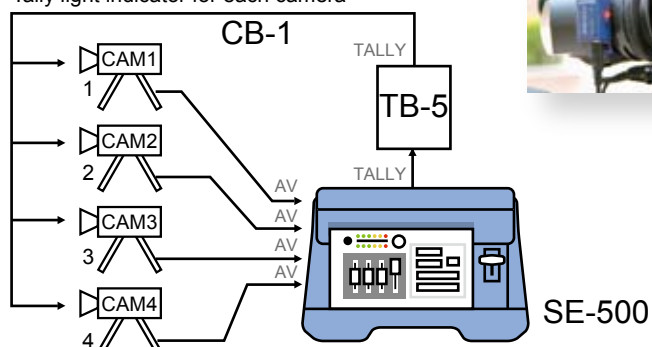
No Genlock is required thanks to SE-500's built in dual channel TBC and 4:2:2 frame synchroniser ensuring flicker free switching or mixing, even with different video formats, e.g. Composite Video and DV



TB-5 Tally Box & Indicators



Tally light indicator for each camera



Accessories

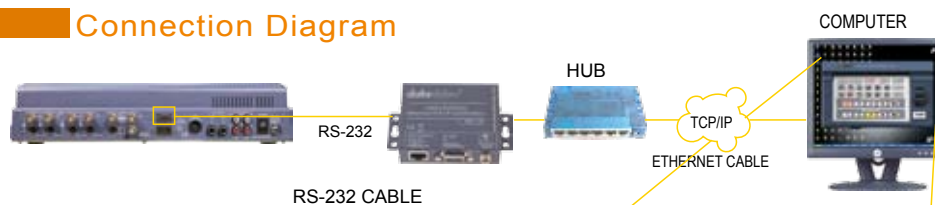
Ethernet Remote Controller

RMC-150

RMC-150 Ethernet Remote Control box is a PC/Network control box. Allows full control of SE-500 using Datavideo's free software (Available on-line via our web site)

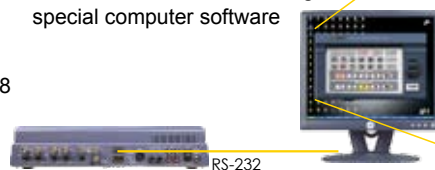


Connection Diagram



Remote control software

Connect The SE-500 direct to a RS-232 port on a Computer and control the switcher using special computer software



Free download from <http://www.datavideo.info/products/rmc150.htm>

System Requirements

- CPU: Pentium 4, 2.4GHz
- RAM: 512MB RAM
- Screen Resolution: 1024x768
- OS: Windows XP

SE-500 Accessories



DAC-6

DV to Composite, Y/C & Component Y:U:V converter



MP-6000

DVD+R/RW Recorder/player



TLM-404

4 x 4" TFT LCD Monitor Bank



TLM-702

2 x 7" TFT LCD Monitor Bank



TLM-433

3 x 4.3" 16:9 TFT LCD Monitor Bank



ITC-100

8-Channel Intercom/Talk-back system



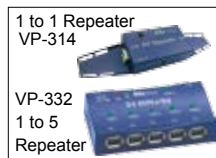
TB-5

Tally Box including tally light to mount on your camera



CB-1

50m 3.5 mm tally extension cable



1 to 1 Repeater
VP-314

VP-332
1 to 5
Repeater

DV Repeaters for long DV cabling or Distribution



1066/2066

10/20m DV Cable



TLM-702JF

TLM-702 Monitor Bank Holder



RMC-150

Ethernet Remote Control box

Power Center

PD-1



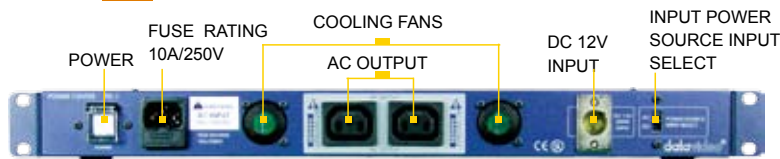
Datavideo PD-1 Power Center is specifically designed to provide a steady power supply for Datavideo Mobile Video Studio applications.

Switchable inputs of AC 110V/220 (separate unit) or DC 12V with 1 terminal of 12V/5A XLR Output, two terminals of 12V/7A (XLR / 2.1mm In Line) DC Output, 4 terminals of 12V/4A, 2 terminals of 12V/2A and one terminal of 5V/1A DC output.,

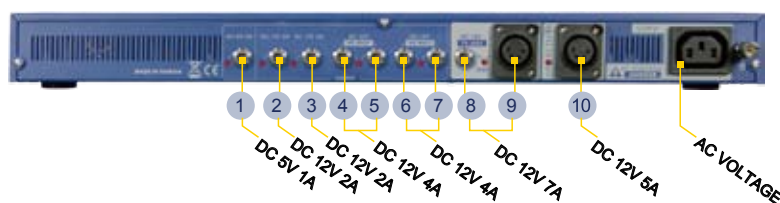
It provides 300Watt rating power supply to cover most of the power requirements for a Mobile Video Studio, such as Video Switcher, Monitoring LCD, Recording VTR / DVD+R, Talk Back system... and so on. With standard 19"/1U Rack size design, the PD-1 makes system integration professional and reliable

Panel Overview

Front



Rear



7 DV Repeater

VP-332



8 Hard Disk Recorders

DN-300



Features

- Power rating up to 300Watts
- Power Indicator and Auto-Recovering fuse protector for each output terminal
- Sequential-Power On of each DC output terminal during power on stage by 1 second duration.
- Three loop thru AC Power outlets.
- Switchable AC 110/220V or DC12V input source. (110 and 220 are separate models)
- Compliant Safety / EMI and RoHS certification

Digital to Analogue

1 Converter

DAC-200



2 4 x 4" TFT LCD Monitor

TLM-404



3 2 x 7" TFT LCD Monitor

TLM-702



4 Balanced Audio Converter

BAC-03



6 Tally Box / Next Source

RMC-140



5 ITC-100 Talkback System

ITC-100



10 Switcher

SE-800



9 DV/HDV Deck



Microphone System

MMS-100



MMS-100 is an 8 channel microphone system complete with ceiling microphones rods and audio mixer. Up to 128 microphone rods, divided into eight zones can be combined over several systems.

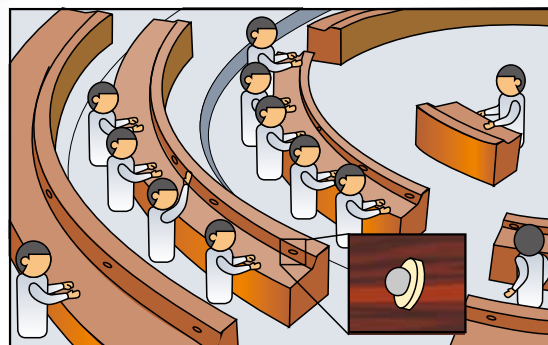
MMS-100 is ideal for applications where a live discussion takes place and the speakers often changes location, or where it is inconvenient to pass a mobile microphone around, such as education, video conferencing, panel discussion etc

Features

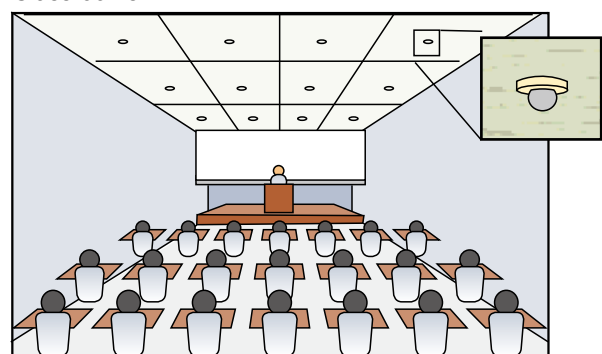
- Sensitive directional matrix microphone
- Mini XLR connectors for discreet installation
- Eight microphones, each with separate volume control
- Large VU meters for monitoring of each microphone or master output
- Each microphone can be adjusted via dip switch
- Daisy chain several systems to expand up to 128 microphones in eight zones
- Each microphone is powered from main unit to minimise installation and support requirement
- MMS-100 is supplied as a turnkey system including main mixer, eight matrix microphones and XLR microphone cabling

Applications

Conference Room

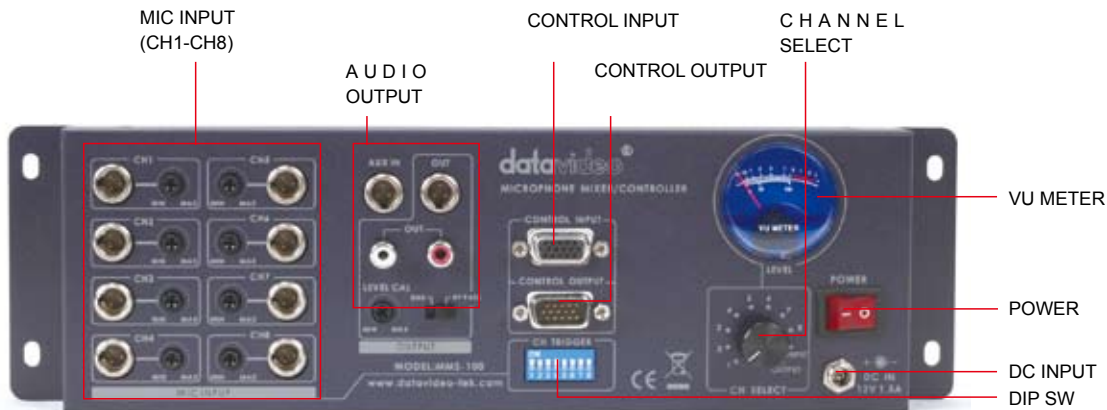


Classrooms



Features

Front



Installation



Specification

■ MIC:

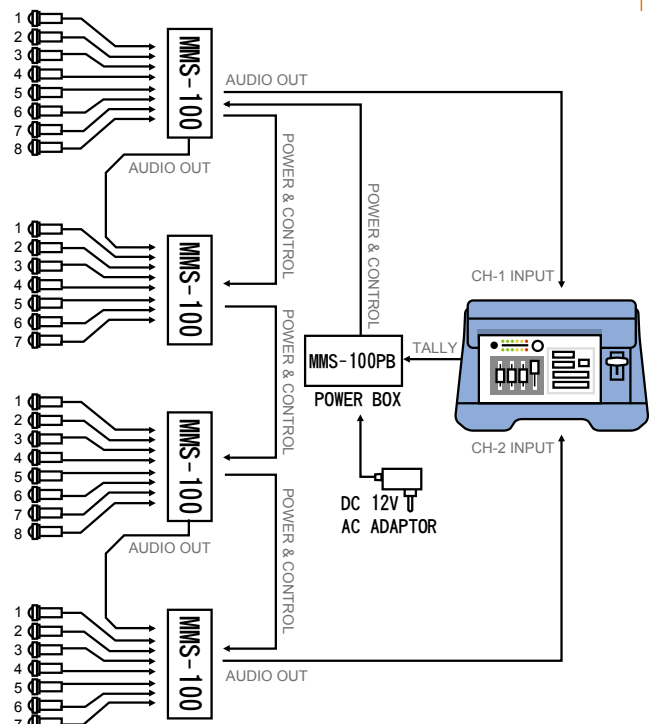
- Sensitivity
-65dB
- Output Level
1800 mv RMS
un-balance
- DC Input
15VDC, 0.02A
- Connection
3 Pin mini XLR
- Dimensions
75(長) x 30(直径) (mm)
- Weight
130g

■ MIXER:

- Input
Power & Control: D-sub
15 Pin
Audio: 8 x 3 Pin mini XLR
- Output
Power & Control: D-sub
15 Pin
Audio: 1 x 3 Pin mini XLR
+1 x RCA
- DC INPUT
12VDC, 1.5A
- Dimensions
320(L) x 87(W) x
29(H)(mm)
- Weight
800g

Setup diagram

WITH SWITCHER AND 30



❖ Intercom system

ITC-100



Good communication is vital in any production studio, keeping communication between the director, cameramen, lighting and control room is essential to produce a polished end result.

The Datavideo ITC-100 Intercom system provides 8-Way talkback and tally indicators.

The producer can select to talk to an individual channel or to all channels simultaneously.

High S/N ratio makes the communication crisp and clear.

The ITC-100 is a standard 19"/1U rack design, so it is easy to integrate into any rack system for using in the field or studio.

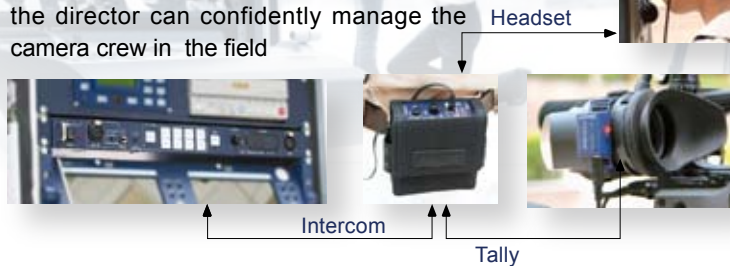
| Features

- Industry Standard 19"/1U rack design, for easy integration
- Supports 8-Way Intercom (standard package includes 4 sets of ITC-100SL with belt-pack accessories)
- Additional external earphone and microphone interface
- Bi-colour tally light indicator
- Selectable channel talk, broadcast to all or mute.
- Enables clean and vital communication between the camera crew and the director
- Communication distance up to 200 meters
- Supplied complete with Gooseneck Microphone and Light

Application

ITC-100 Talkback system

The ITC-100 is an intercom talkback system for EFP communication between the director and field cameraman. It supports full duplex talkback and tally indicator, so the director can confidently manage the camera crew in the field.



Connect SE-800 to ITC-100 through RMC-90, to enable additional tally feature



The ITC-100 is supplied complete with 4 sets of ITC-100SL. Optional ITC-100SL to support up to 8 channels.

Included Accessories

Belt Pack
4 x
ITC100SL
Camera
man unit
including
bespoke
carrying case

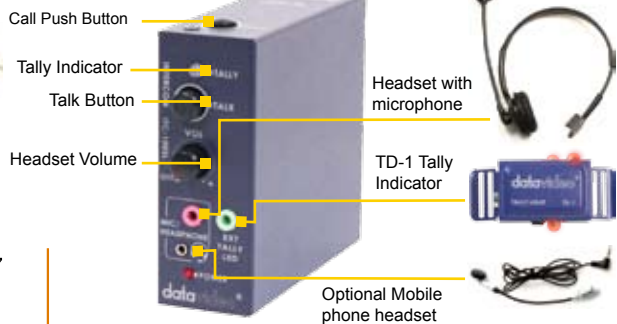


Cabling
4 x 20m XLR
to XLR
Intercom
Cable



CB-3

Diagram



Tally Indicator
Supplied with
4 x Camera
mountable
tally light
indicators with
bi colour LED
for camera and
actor indicator

TD-1



**1.2 Meter tally
cable**
Connection
TD-1 tally
indicator
with ITC-100
belt pack

CB-7



Headset

MC-1

**Light &
Microphone**
MC-2/ LP-1

ITC-100
comes
supplied
with four
sets of
standard
Headset.



Rear



5 Pin XLR connector provides the belt pack with bi-directional communication, tally signal and power in one cable

TD-1 Tally Indicator

Dual tally
light to
assist the
person in
front of
the camera



TD-1 Tally light provides the cameraman as well as the "actor in front of the camera with clear information on live camera and "next to go live" camera

- Red - Selected as MAIN source
- Amber Selected as SUB source

❖ Affordable Chromakey datavideo

DVK-100



The Datavideo DVK-100 is a two camera live entry level, stand alone Chromakey solution designed for education, small studios, wedding videographers and small size production companies.

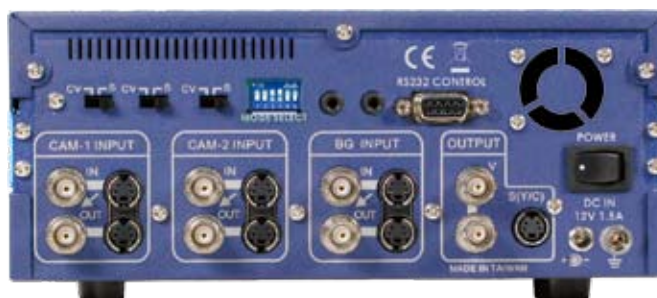
The DVK-100 enables you to create virtual studio effects without spending large sums of money, simply by combining a single colour background (Blue or Green is the best.), two video cameras and proper lighting.

Available to support either PAL or NTSC video standards (separate units), the DVK-100 features three composite and S-Video (Y/C) inputs allowing for dual camera and separate background connectivity

Features

- Two Camcorder inputs for foreground, and one background input
- Key out background colour selectable (Blue, Green or Luminance)
- Key out level adjustable to reduce the shadow after keying
- S (Y/C) and Composite Video input and output
- Window adjustable to fit in different sizes of background screen
- Built in shrink function (reduce white or black colour edge on subject)
- Built in colour processor, brightness, contrast, colour and tint adjustable (tint is NTSC only)
- Built in TBC
- RS-232 interface for control from other RS-232 devices
- Perfect partner for CKL-100 Dual Colour Light Ring & Retro Reflective Cloth (see page 34 & 35)

Rear



Application

Window Size



The window size can be set to remove any unwanted items from the foreground image. Often your backdrop does not fill the whole screen, particularly if you want your subject to appear small in the finished image. You can use the Up / Down / Left / Right arrows to make the keying window smaller so that only your backdrop is being keyed.

Edge Shrink Functions.



Even with perfect lighting you will occasionally have a subject that still has a dark edge even when you have set the Green Keying and Density Levels correctly. This is why the DVK-100 has Left and Right Edge Shrink functions.

Spill Adjustment



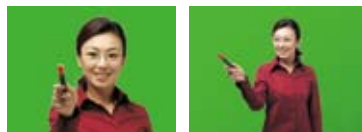
The final setting in any Chromakey is the Spill Adjustment. Often, the green / blue backdrop can cast an unwanted colour cast on the subject. DVK-100 features an advanced Spill Adjustment enabling you to remove this unwanted cast.

Subject Density.



This adjustment will make your subject more or less opaque / transparent; you can use this as a feature in your chroma key where your subject will become more or less defined.

Two Camcorder Input



The DVK-100 has two camera inputs (foreground sources) each of the inputs can be set to S-Video (Y/C) or Composite Video. Switch between the two inputs direct on DVK-100 selector buttons, via GPI or RS-232.

RS232 Remote Interface

The DVK-100 can be fully controlled via RS232



Settings Lock

Once you have set all the parameters of the DVK-100 to produce the perfect effect from both of your cameras you can lock the settings. Once locked none of the DVK-100 front panel controls will respond



Application examples

News & Weather Forecast



Shopping & community channel



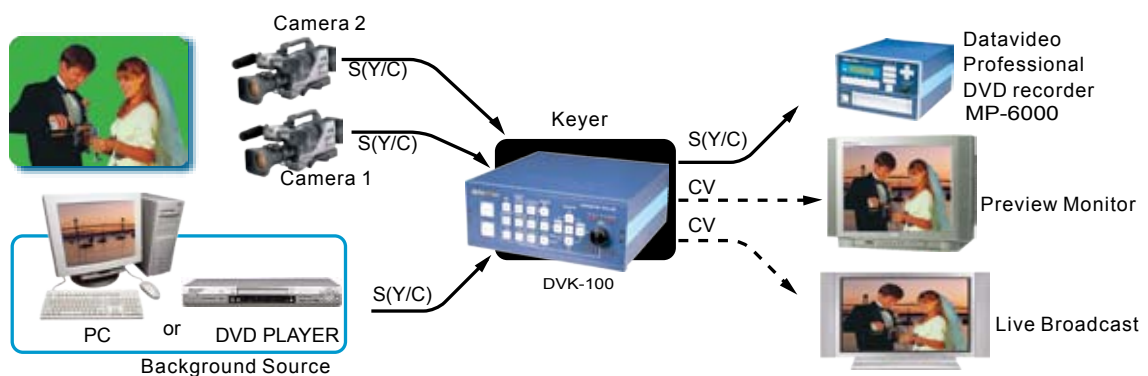
Wedding & Event



Entertainment



Diagram



Dual Colour Chromakey System

CKL-100

LD-1+RF-3025

A Chromakey Studio has just
become easy and affordable



Datavideo CKL-100 is a combination of a dual colour (green & Blue) LED ring and a unique retro-reflective backdrop cloth, which is embedded with tiny glass beads.

The LED light ring is mounted on the lens of the camera, and projects a highly directional green or blue light on the backdrop cloth. Thanks to the embedded glass beads, light is then projected back to the camera creating a perfect green or blue background, providing you with an excellent keying result with very little attention.

The dual colour LED ring is particularly useful if your key is setup to green and someone turns up wearing green. With CKL-100 you simply switch the LED colour to blue and continue keying

The 2.5meter x 3meter unique retro-reflective backdrop will allow you to get away with having the odd crease line, and the whole system is extremely quick to set up.

Features

- Large retro-reflective screen 2.5m x 3.0m
- Dual colour Green & Blue LED ring
- Perfect light return up to 75° off axis
- Power Supply with LED brightness adjustment
- Remote control integration with Datavideo DVK-100 (see page 32)
- LED light ring lens size 72 mm, stepping ring for 82mm lens mount supplied (Additional stepping rings from 52mm to 72mm available from your reseller)
- DC 12V operated perfect for mobile applications

LED Light Ring

LD-1



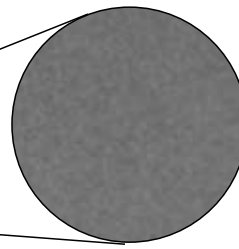
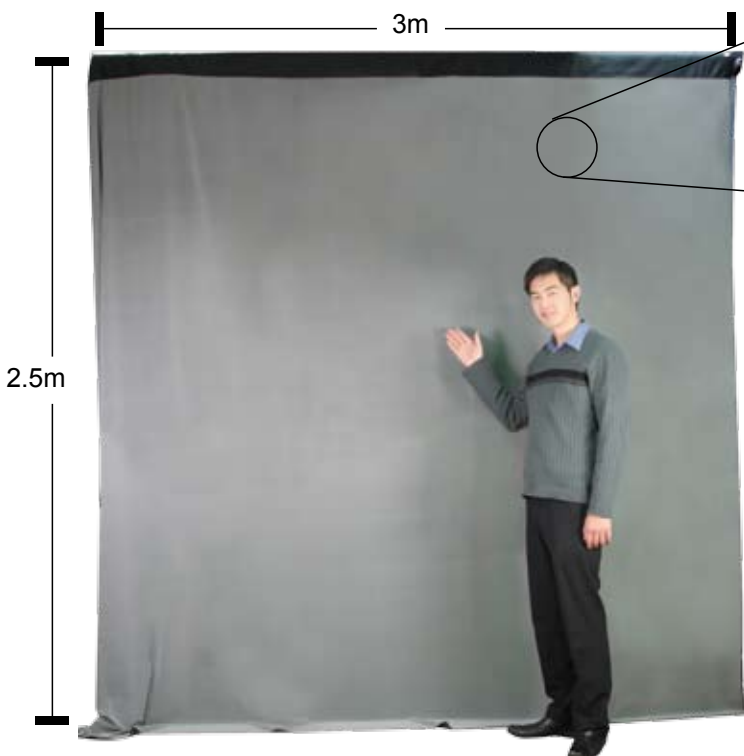
Dual colour LED ring

Outer ring blue
LED lights

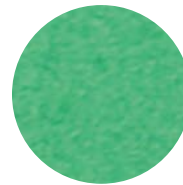
Inner ring green
LED lights

Highly Retro-Reflective Cloth

RF-3025

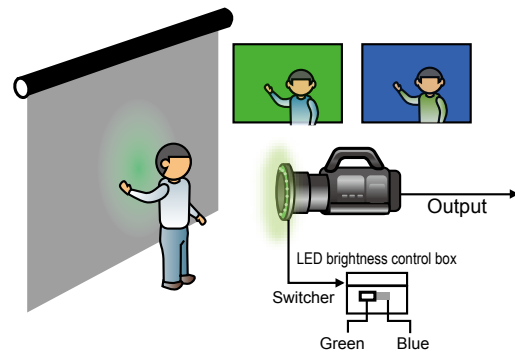


Highly retro-reflective material



Thanks to the retro-reflective material, with embedded glass beads, light from LED light ring is projected back to the camera (up to 75 degrees axis) creating a perfect green or blue background, providing you with an excellent keying result with very little attention.

Setup



Power supply

LD-1

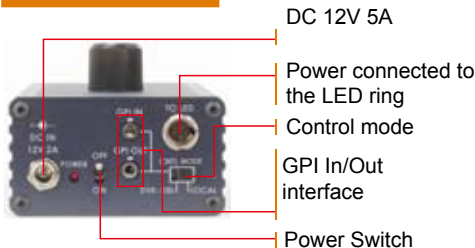
LD-1 Variable Brightness Power Supply



Brightness controller

LED colour switch

Front



DC 12V 5A

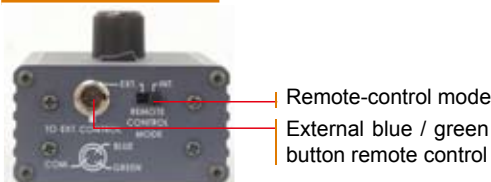
Power connected to the LED ring

Control mode

GPI In/Out interface

Power Switch

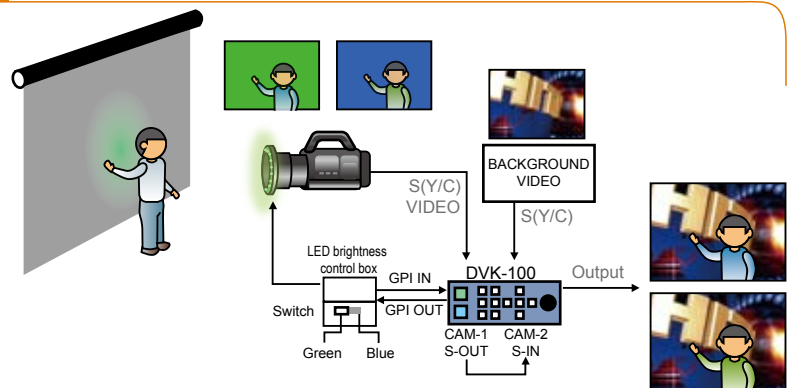
Rear



Remote-control mode

External blue / green button remote control

Application and setup diagram



Specifications

LED lights effective range

10 meters

Dual Colour LED - Green & Blue

LED light ring lens size 72 mm, stepping ring for 82mm lens mount supplied (Additional stepping rings from 52mm to 72mm available from your reseller)

Retro-Reflective cloth

2.5 meter x 3 meters

Perfect light return up to 75° of axis

DC power AC100~240V

AC or DC 12V 2A

Professional DVD Recorder

MP-6000



DataVideo MP-6000 is a professional quality DVD+RW based DVD recorder with DV in & out plus RS-232 control interface.

The unit incorporates a high performance MPEG-2 codec for real time recording of live audio/video material from camcorders, analogue VCRs, or other analogue or digital sources on to DVD+R/RW disc.

Input includes: Composite Video, S-Video (Y:U:V) and DV25.

For optimal recording quality the MP-6000 has a built-in 3D comb filter & TBC.

The MP-6000 has a heavy duty metal construction making it perfect for demanding applications

The control interface includes RS-232 and GPI for easy integration within existing applications.

Features

- Real Time Stand Alone MPEG-2 Player/ Recorder
- DVD + R / RW Disc Recording
- Variable Bit Rate From 1.7 to 9.1 Mbps
- DV, YUV, S-Video (Y/C), Composite Video Inputs and Outputs
- DV Loop Through
- Large Illuminated Control Panel
- Balanced and Unbalanced Stereo Inputs and Outputs
- Built In Video Processor With Colour Correction
- Audio Level Control
- RS 232 Remote Interface
- Rack Mountable (3U High, 1/2 -19")
- DC 12V Power Supply Included

DVD+R/RW Recording Options

Setting	Mode	Rate	PAL	NTSC	4.7GB DVD+R/RW Disc
1	HQ	9.17Mbps	720x576	720x480	60MIN
2	SP	5.07Mbps	720x576	720x480	120MIN
3	LP	3.38Mbps	480x576	480x480	180MIN
4	EP	2.54Mbps	360x576	360x480	240MIN
5	SLP	1.69Mbps	352x288	352x240	360MIN

Supported Format

Format	Playback	REC
DVD +RW	○	○
DVD +R	○	○
DVD -R	○	
DVD -RW	○	
JPEG	○	
DVD Video	○	
Super VCD	○	
Video CD	○	
Audio CD	○	
CD-R	○	
CD-RW	○	

Applications



- Simple to intergate menu structure recorded to each disk



- File names can be changed direct on the unit (English only)



- Built in TBC to stabilise poor quality video source, such as VHS, S-VHS, Video-8, HI-8, U-Matic etc.



- 3D Video Noise Reduction
- 3D Comb filter



Specifications

Video Input & Output

- IEEE1394 Fire Wire DV25 in & Out (NTSC 4:1:1 - PAL 4:2:0 - DV25 Format)
- S-Video(Y/C) (DIN 4-Pin, 75ohm), Y:1.0Vp-p, C:0.627Mvp-p
- Composite Video: 75ohm 1.0 Vp-p
- Component Y:U:V
- Black-Burst/Gen-lock out
- Bandwidth: 5.0MHz
- Noise ratio: 50 dB
- 4:2:2 Time Base Corrector

Digital and analogue video correction

- Brightness :+/-30%
- Contrast :+3/-6 dB
- Saturation:+6/-10 dB
- Hue :+/-20 (NTSC only)

Audio In & Out

- Balanced (XLR)
- Un-Balanced (RCA)
- DV Sampling : 12-Bit 32KHz or 16Bit 48KHz
- Bandwidth : 20-20KHz
- S/N Noise ratio : 65 dB
- Distortion rate : 0.1%

Video Recording Features

- One Touch Recording (OTR)
- Erase Disk
- Insert Index Point
- Index Menu
- Index Icon Pictures & Text can easily be re-named (English)

Video Play Back Features

- Play / Reverse Play
- Play All / Single Track /
- Play A to B
- Time Search

Control Interface

- RS-232 Feature - Pause, Record, Play, Stop, Rewind & Fast forward
- GPI Feature - Start, Stop and Pause

General specifications

- Width: 8"/205mm
- Height: 5.2"/132mm
- Depth: 9.8"/250mm
- Weight: 3.7Kg
- DC Power: 12V 30W

Accessories

- DVD+RW Disc
- User Manual
- RCA Phone Audio Cable
- BNC TO BNC Video Cable
- FireWire 6-6-pin & 6-4-pin Cable
- 90-240V AC TO DC 12V Power Supply

DV & HDV Recorder DN-300

HDV • DV

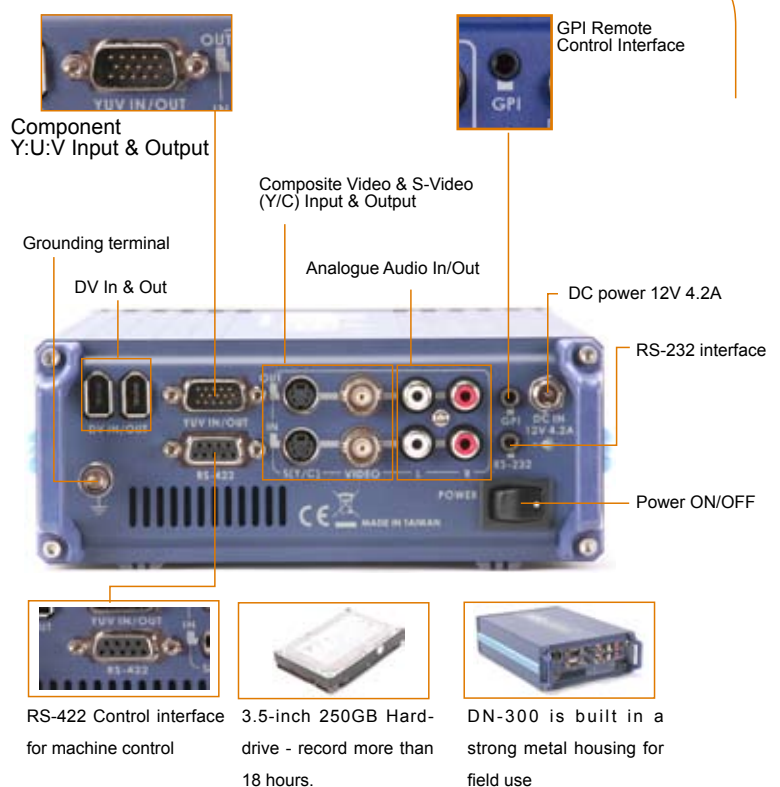


Native DV - .avi
Native HDV .M2T

Features

- 3.5" 250GB Harddrive - record more than 18 hours.
- DV as well as analogue in and out including; DV25, Component Y:U:V, S-video (Y/C) and Composite, each input with a convenient loop through for easy integration with existing equipment
- Record direct to a native video format including HDV (.M2T) & DV (.avi) while monitoring on an analogue source
- Features also include time shift, where you can record and playback at the same time
- Easy to use and navigate thanks to standard VCR control panel
- Can record and play back up to 99 tracks
- Support for DV Time Code
- RS-422 Control interface for machine control
- GPI Control interface
- DC 12V Power Supply perfect for field use or with Datavideo's Mobile Video Studio

Specifications



Features



Tape less

- Take advantage of tapeless acquisition in even the roughest conditions
- Record in DV & HDV using the DN-300, and make capturing a thing of the past
- Confidence Native DV & HDV recording while monitoring on a standard video monitor during recording

Direct to Timeline

- Compatible with most NLE computer based systems
- Full support for original DV timecode
- Drag and Drop direct to timeline or transfer to the computer in 16 times realtime
- Native file format include: .avi, & M2T



Reduce cost of Tape



- Continuous recording for up to 18-hour without tape
- Record direct to a hard drive without tape
- Connect direct to a computer based editing system via Firewire
- Recorded files can playback to a standard monitor or viewfinder on your camcorder
- Up to 99 track recording for easy navigation and playback
- Seamless repeat loop playback ideal for presentation (e.g. tradeshow or in-shop promotion with instant access to files.

Specifications

Supported Video Formats

- NTSC-DV 25Mbps, 8-bit Y.U.V 4:1:1
- PAL-DV 25Mbps, 8-bit Y.U.V 4:2:0
- HDV 1080i/60 25Mbps, 8-bit Y.U.V 4:2:0
- HDV 1080i/50 25Mbps, 8-bit Y.U.V 4:2:0

Supported File Formats

- HDV: .M2T
- SD DV: .avi

Analogue video format

- Composite Video: 75 ohm 1.0Vp-p
- S-Video (Y/C): 4-pin DIN, 75 ohm, Y:1.0Vp-p, C:0.627mVp-p
- Component Y,R-Y,B-Y(BNC 75 Ohm)
- Bandwidth > 5.0MHZ
- Noise ratio > 50db
- DA, DP < 3%, 3 degree

Digital and analogue video correction

- Brightness ± 30
- Contrast $\pm 6\text{dB}$
- Saturation $+6\text{dB} / -10\text{dB}$
- Hue ± 20 (Only NTSC)

Digital Audio

- Embedded 2-ch (16-bit, 48kHz) or
- 4-ch (12-bit, 32kHz via Fire Wire/IEEE-1394 input) or 2-ch (12-bit, 32kHz via Analogue input)

Analogue Audio

- Unbalanced Audio In/Out : $+10\text{dB}$ (Maximum)
- Bandwidth: 20~20KHz
- Noise ratio $> 65\text{dB}$
- THD < 0.3%

RS-422 & GPI Control Interface

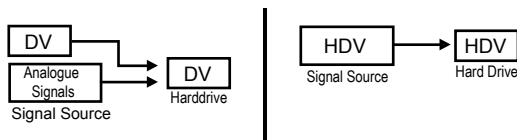
- SONY Standard RS-422 Interface

Power / Dimension / Weight

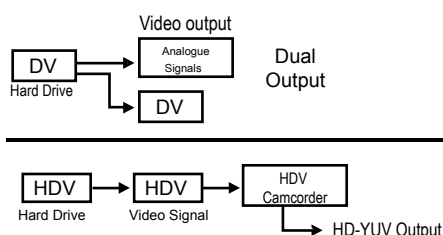
- DC12V 4.2A
- 170mm (W) x 250mm (D) x 70mm (H)
- 2.5kg

Audio / Video Playback Mode

Video mode



Playback mode



❖ Digital Analogue Converter DAC-6/15/30/30R/200



DAC comparison Chart				
ITEM	DAC-200	6	15	30/30R
DV In & Out (6 PIN)	2	2	2	3
S-Video (Y/C)/ Composite Video In & Out	○	Out only	○	○
Component YUV In & Out		Out only	○	○
Colour Processor			○	○
Audio Level Input Calibration			○	○
Balanced Audio In & Out				○
Audio VU Meter			LED meter	○
TBC & 3D Noise Filter				○
RS-422 Interface				○
SDI In & Out				○
Timecode supported via RS-422 Interface				○
Digital Audio AES/EBU				○
Colour Bar Output (Analogue)	○	○	○	○
PAL / NTSC Support	○	○	○	○
Video Setup 0 or 7.5 IRE Selectable	○	○	○	○
Audio Locked	Fixed	○	○	○
3D Y/C Separation				○

About Smart DV

Any Digital Video user will have experienced problems when connecting two DV devices to an NLE system. Either the computer sees only one device, or it sees nothing, or worse it locks up or crashes.

Datavideo's SMART DV (patent pending) feature was developed to overcome this problem. SMART DV has been incorporated into the latest Datavideo digital converters and the TLM-70D 7" LCD DV monitor.

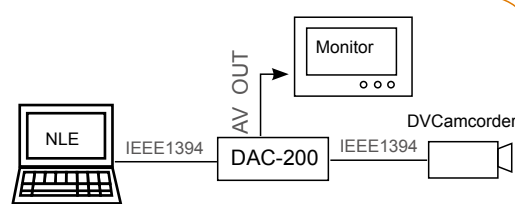
With the SMART DV feature enabled the converter or monitor becomes transparent to the computer, while still transcoding the live DV stream into analogue video.

This enables users to monitor a live digital video feed from a DV camcorder or DV deck during capture, or monitor the DV Stream from an NLE system via an ordinary video monitor, while exporting the edited video.

SMART DV also allows copying to DV and analogue at the same time.

Disabling the SMART DV feature (simply done using dip switch on the back of the DAC) returns the DAC to a normal bi-directional Digital Analogue Converter, which is seen by the computer as a normal DV Device.

SMART DV Diagram



DAC Overview

Model Number	Transcoding	Rear / Front Panel
DAC-200 		Front Panel  Rear Panel 
DAC-6 		Rear Panel  Front Panel 
DAC-15 		Rear Panel 
DAC-30 		Rear Panel 
DAC-30R 		Rear Panel 

DAC Accessories

DAC-5/15 Rackmount



Convert VGA to DV/Firewire



Balanced to Unbalanced Converter



Balanced / Unbalanced Converter



DV Repeater 1:1



DV Repeater 1:5



10 & 20m DV Cables



STANDARDS CONVERTER

Professional Standards Converter

STC-100



Only professional TV monitors can be switched between PAL and NTSC standards automatically.

Recording equipment is always NTSC or PAL, it is extremely rare for any recording device to support both.

If you want to provide an NTSC TV series to PAL countries or vice versa, you will need an easy to install, simple to operate and high quality PAL / NTSC bi-directional standard converter; the DataVideo STC-100 is just that.

Features

- PAL and NTSC standard converter, stand alone unit, real time conversion, no need to spend hours capturing footage into a computer
- Inputs / Outputs includes:
 - Component YUV
 - S-Video (YC)
 - Composite Video
- Built In 4:2:2 TBC
- Brightness, Contrast, Colour and Tint Adjustable (Tint NTSC only)

Rear View



Firewire Scan Converter

PPT-100

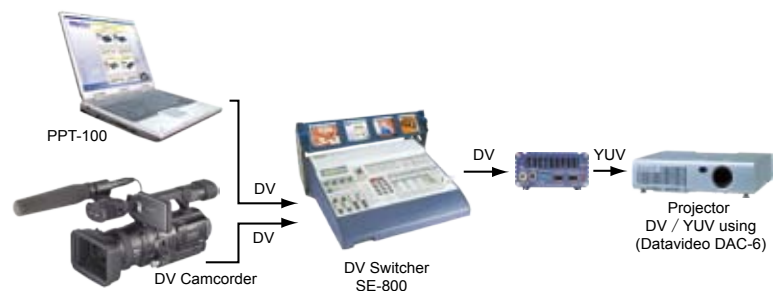


Features

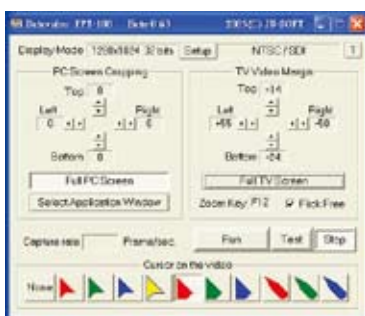
Software that converts your VGA display into a high resolution DV signal that can be output via your PC's DV (Firewire) socket. Enables Powerpoint presentations or Excel for example to be recorded to video / DVD or viewed on any TV / Projector. Ideal for use with a DV Switcher (such as the SE-800) allowing you to use the computer on one of the switchers DV inputs. The PPT-100 can also take advantage of the Decklink SDI card series. Ideal for Conferences, Schools, Churches, Product Training. DV (via IEEE 1394 Interface) or SDI or YUV (via Decklink Card) output.

Setup

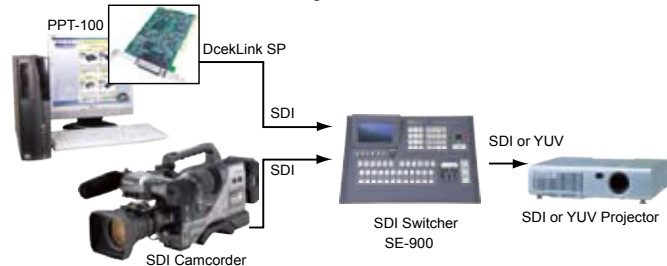
PPT-100 Firewire Scan Converter Software used with Datavideo SE-800 4-channel DV Digital Switcher



PPT-100 Interface



PPT-100 Firewire Scan Converter Software used with Datavideo SE-900 8-channel Digital Switcher



SDI Character Generator

CG-100



SDI overlay offers the best broadcast quality CG solution in the industry today. However, it has always been beyond the budget of small studios and production houses - The DataVideo CG-100 has changed that!

The CG-100 combines with a Blackmagic Design™ DeckLink Card™ to bring you live SDI CG overlay at an affordable price.

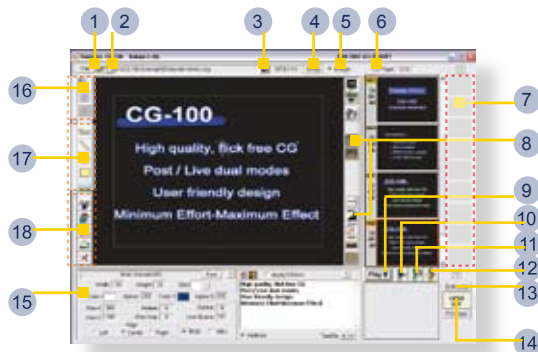
It supports NTSC and PAL video standards and is able to generate graphics for 16:9 or 4:3 aspect ratios.

Pages can be composed and combined with animation effects, to run as a

sequence, or they can be displayed and edited live.

The CG-100 combines perfectly with the SE-800 to give superb quality graphics / text / logo overlay on live production mixes. CG-100 can be used in any SDI or YUV input switchers (with DeckLink SP, DeckLink Pro or DeckLink Extreme).

Interface



- | | | |
|-----------------|----------------------|-------------------------|
| 1 Open File | 8 Animation Tool | 15 Text & Image Edit |
| 2 New File | 9 Playback Sequence | 16 Extra Editing Tool |
| 3 Save File | 10 Insert Empty Page | 17 Graphics Tool |
| 4 NTSC/PAL | 11 Copy a Page | 18 Editing Tool (Front/ |
| 5 Safety Margin | 12 Delete a Page | Back, Undo, Redo, |
| 6 Page Info | 13 Edit Logo | Delete...etc.) |
| 7 Clip Board | 14 Logo On/Off | |

System Requirements

- CPU: Pentium 4 2.0 GHz
- Ram: 512 MB
- Required Min. Disc Space: 15 MB
- Screen Resolution: 1024*768
- Network: 10/100 Base T Ethernet card
- OS: Windows XP SP2 (with Direct X 9.0c)
- DeckLink™, DeckLink Pro™, & DeckLink SP™ (SDI I/O only)

Features

- Image objects may be imported as graphics and stored as part of the page.
- Targa Sequence for animation
- Animation objects including wipe, push & fade in various directions at different speeds
- Text can roll and crawl
- Support Windows™ unicode for multi-language input.
- Redo/undo function for quick testing of an animation
- Support 16:9 or 4:3 aspect ratios & NTSC/ PAL video standard.
- Stand-alone logo display function
- SDI & YUV via Blackmagic™(DeckLink™, DeckLink Pro™, & DeckLink SP™)
- Supports Alpha Key function by Deck Link Pro™ card (Pro version only)
- Digital Clock Timer
- GPI trigger by external GPI cable or by "Ctrl Key" or "Right Click on the mouse"
- Quick and Simple GUI.
- Live SDI Overlay
- Programmable Multipage Events with Transitions

Features

Text Templates



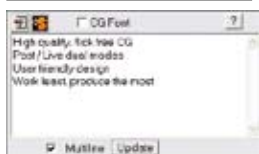
Text templates can be created to store frequently used text styles

Unicode Support



CG-100 supports multi language input

Multi Line input



Text can be input as multiple lines or imported from .TXT files.

Text & Graphic Editing



Adjustments include Size, Colour, Transparency, Border, Spacing, Position and Alignment

Sequence Play

Pages can be set to run as an automatic sequence



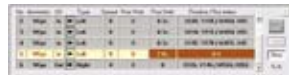
Live Display

The live button allows pre-edited pages to be displayed live on air while other pages are being edited



Page Animations

Pages can be animated with fade, wipes and pushes



Colour Key



Backgrounds can be removed from imported images by using colour key



Live Stream



Live stream is a bonus application. It converts a Video input, via an IEEE1394 card, into a streamable video (521Kbps or 312Kbps)

GPI Trigger

Pages or sequences can be triggered via simple GPI contact closure, or via keyboard CTRL.



Subtitles

Subtitles can be displayed over graphic lower thirds. Single or dual line tickers can also be easily displayed



Logo Generator



Logo generator mode allows instant control of up to 3 logos, TARGA sequence, crawling text, graphics and static text. Up to 24 pages can be preset

Targa Animation / Import

Animated TARGA (.TGA) sequences such as logos can be imported, sized and positioned



Date/Time/ Stopwatch

Date and time or stopwatch (count up or count down) can be displayed anywhere on the screen, numerous preset layouts are available



DECKLINK™ CARD

Datavideo CG-100 combine with Blackmagic™ DeckLink™, DeckLink SP™, DeckLink Pro™ & DeckLink Extreme™ to bring you live SDI CG overlay at an affordable price.



DeckLink card

SDI → SDI



DeckLink PRO

GEN-LOCK
SDI → YUV
SDI → VIDEO
SDI → SDI



DeckLink SP

GEN-LOCK
YUV → YUV
YUV → VIDEO
YUV → SDI



DeckLink Extreme

GEN-LOCK
SDI → YUV
SDI → VIDEO
SDI → SDI

TFT LCD MONITORS



As a leading manufacturer Datavideo work closely with LCD panel manufacturers to ensure only the highest quality displays are used, and offer a guarantee against spotlight defects. The high quality professional TLM monitor series automatically switches between PAL / NTSC, and for flexibility can be powered via 12 V DC or AC power.

The Datavideo TLM monitor series is designed for video professionals that insist on superior performance. After all, every professional knows that you are only as good as the tools you use.

Whether it's in combination with switchers, 19" rack monitoring, in field operation, video editing, or the most advanced multimedia video you're creating, the Datavideo TLM monitor range offers the right tools for your job.

7" 16:9/4:3 DV & Analogue

TLM-70D

DV/ANALOGUE INPUT
16:9/4:3



TLM-70D
Supplied with stylish
bespoke carrying
case.



Features

- Ultra Bright 7" LCD panel Display Ideal for Outdoor Use
- LCD panel resolution of RGB 480X234 dots
- Viewing Angle (V) +50/-40, (H) +60/-60 degrees
- Free standing, Tripod or Wall Mountable
- DV and Composite Video Inputs
- PAL / NTSC Auto Detect
- DV (loop or converted from Composite) and Composite Video Output
- Built In DV to Analogue Converter
- Switchable Aspect Ratio 16:9 / 4:3 and flip (so unit can be mounted upside down)
- Removable Speakers

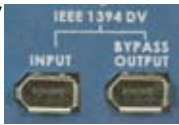
Rear View



Specification

DV Input / Output

Two 6-pin DV Connectors.



Speakers / Headphones

Connect external speakers to the 1 watt amplifier. Connect stereo headphones through the mini jack.



Analogue Audio

Analogue audio out. The TLM-70D has a built in DV to Analogue converter so DV audio is also available on the audio output.



Tally Light

Dual colour tally light red/green. Connect via standard 15-pin connector



Image Control

Brightness, Colour, Contrast & Tint (Tint NTSC only) adjustment.



Locking Handle

Handle pivots and locks in position. Tripod, Wall or Ball head mount connection



Flip, Aspect & Source

Selector for aspect ratio (16:9 & 4:3), input source and Flip for mounting upside down



Removable Speakers



Removable Sun Shade

This light weight magnetic sun shade is supplied with the TLM-70D



DC 12V Input

Connect the TLM-70D to any 12V source, including battery source, or the supplied mains power supply



Composite Video In & Out

TLM-70D features Composite Video In & Out.



NTSC / PAL & IRE Selector

These dip switches let you watch video all over the world.



7" Analogue 16:9 / 4:3

TLM-700

16:9/4:3



Features

- 7" 16:9 Wide Screen Panel
- Resolution: RGB 480X234 dots
- View Angle (V)+50/-40°, (H)+30/-30°
- 2 x Video Input
- Brightness, Contrast, Colour, Tint Adjustable (Tint NTSC only)
- NTSC/PAL Auto Switching
- 16:9 / 4:3 switchable
- Carry Case Included

Rear View



Specification

Screw for Ball Head

Standard screw mount for fixture to a tripod or the supplied ball head



TLM-700 Carrying Case

TLM-700 is supplied with a stylish bespoke carrying case, easy to carry around with supplied accessories



Input Source Selector

Two input source selector.



Sun Shield

Supplied with very useful light weight sun shield



❖ 2 x 7" 16:9/4:3 Monitor Bank

TLM-702

Features

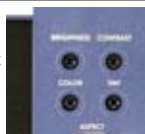
- 2 x 7" Panel, 19" 3U Rack Mountable
- Screen resolution RGB 480X234 dots
- View Angle (V)+40/-60°, (H)+60/-60°
- 2 x Composite inputs for each screen with loop through output
- Brightness, Contrast, Colour, Tint Adjustable (Tint NTSC only)
- NTSC/PAL Auto Switching
- Display mode adjustable (Flip/16:9/4:3)
- 12v DC operation (supplied with mains DC converter)



Specification

Image Correction

Adjustable, Colour, Contrast, Brightness & Tint (Tint NTSC only)



19" - 3U Rack Mountable

Standard 19" 3U rack mountable makes the TLM-700 a great choice for use with Datavideos mobile video studios, or any installation job



Tally Indicator

3.5 mm Jack connector for tally make the TLM-702 ideal for in studio use or as part of Datavideo mobile studio solutions



Input selector

Input and aspect selector



Calibration Screws

Fix the screens at a certain angle, perfect for fixed installations



Slim Design

Robust compact and slim design ensure integration into existing installations



Adjustable View Angle

Tilt 45 degree viewing angle



Rear View



❖ 3 x 4.3" 16:9/4:3 TFT LCD Monitor Bank TLM-433

Features

- 3 x 4.3" High quality TFT LCD Monitors
- 2 colour LED Tally Light indicator on each monitor
- Individual Adjustments for Contrast, Brightness and Colour Saturation
- Composite Video Connections with 75 ohm self terminating loop through.
- Aux Input Via Sub D 9-Pin
- 2U 19" Rack Mountable
- 90 Degrees of Tilt
- PAL / NTSC Auto Detect
- 12v DC operation (supplied with mains DC converter)



Specification

Adjustable View Angle

Tilt 45 degree viewing angle



Locking Pivot Point

Strong locking pivot point



Image Correction

Adjustable, Colour, Contrast, Brightness.



Power Switch



19" - 2U Rack Mountable

Standard 19" 2U rack mountable makes the TLM-433 a great choice for use with Datavideos mobile video studios, or any installation job



Tally Indicator



Standard 15-pin connector for tally make the TLM-433 ideal for in studio use or as part of Datavideo mobile studio solutions

High Quality Resolution



TLM-433 uses a new generation of high quality LCD TFT panels

Rear View



4 x 4" TFT LCD Monitor Bank

TLM-404

Features

- Screen Resolution
RGB 320 x 240 dots
- Can Be Tilted Up To 90 Degrees
- PAL / NTSC Auto Detect
- 2U 19" Rack Mountable
- Aux Input Via Sub D 9-Pin
- Composite Video Connections with 75 ohm self terminating loop through
- 3 colour LED Tally Lights indicator on each monitor
- Individual Adjustments for Contrast, Brightness and Colour Saturation
- 12v DC operation (supplied with mains DC converter)



Rear View



Features

Adjustable View Angle

Tilt 45 degree viewing angle



Locking Pivot Point

Strong locking pivot point



Image Correction

Adjustable, Colour, Contrast, Brightness & Tint (Tint NTSC only)



Power Switch



Specifications

	TLM-70D	TLM-700	TLM-702	TLM-433	TLM-404
General					
System	Standalone Unit	Standalone Unit	Rack Mountable 3U	Rack Mountable 19" 2U	Rack Mountable 19" 2U
Power Input	DC 12V	DC 12V	DC 12V	DC 12V	DC 12V
Power Consumption	18W	6W	12W	15W	15W
Display					
LCD Panels	7" TFT LCD	7" TFT LCD	7" TFT LCD	4.3" 3 TFT LCD	4" 4 TFT LCD
LCD Resolution	480 x 234 dot	480 x 234 dot	480 x 234 dot	480 x 270 dot	320 x 240 dot
LCD Backlight	CCFL	CCFL	CCFL	CCFL	CCFL
LCD View Angle (Deg)	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 40 Bottom: 60 Left: 60 Right: 60	Top: 10 Bottom: 30 Left: 45 Right: 45
LCD Contrast Ratio	300	300	300	400	150
LCD Brightness	500cd/mm	500cd/mm	500cd/mm	240cd/mm	250cd/mm
Brightness Adjustment	Yes	Yes	Yes	Yes	Yes
Contrast Adjustment	Yes	Yes	Yes	Yes	Yes
Colour Adjustment	Yes	Yes	Yes	Yes	Yes
Tint Adjustment (NTSC)	Yes	Yes	Yes	-	Yes
Video					
Composite Video	1	2	4	3	4
By pass CV Out	1	0	4	3	4
AUX RGB	1	0	0	0	4
DV/IEEE1394port	2 (6 Pin)	0	0	0	0
Audio					
Unbalanced Audio Input	Stereo	No	No	No	No
Unbalanced Audio Output	Stereo	No	No	No	No
DV Audio	Yes	No	No	No	No
Headphone	1	No	No	No	No
Volume Control	Yes	No	No	No	No
Speaker	2	No	No	No	No
Features					
NTSC/PAL	AUTO	AUTO	AUTO	AUTO	AUTO
Tally LED Indicator	3 Colour	No	2 Colour	2 Colour	3 Colour
Tally Input	15-Pin	No	3.5mm Jack	15-Pin	15-Pin
Aspect	4:3 / 16:9 Seleable	4:3 / 16:9 Seleable	4:3 / 16:9 Seleable	4:3 / 16:9 Seleable	4:3
Flip/Mirror effect	Yes	No	No	No	No
Accessories					
Sun Shield	Yes	Yes	No	No	No
Ball Head	P/N: BH-5	P/N: BH-5	P/N: TLM702JF	P/N: TLM-433JF	P/N: TLM-404JF

Video Library System

DLS-1000

The DLS-1000 is a cost effective and easy to use digital library system software and is the ideal solution for video archiving.

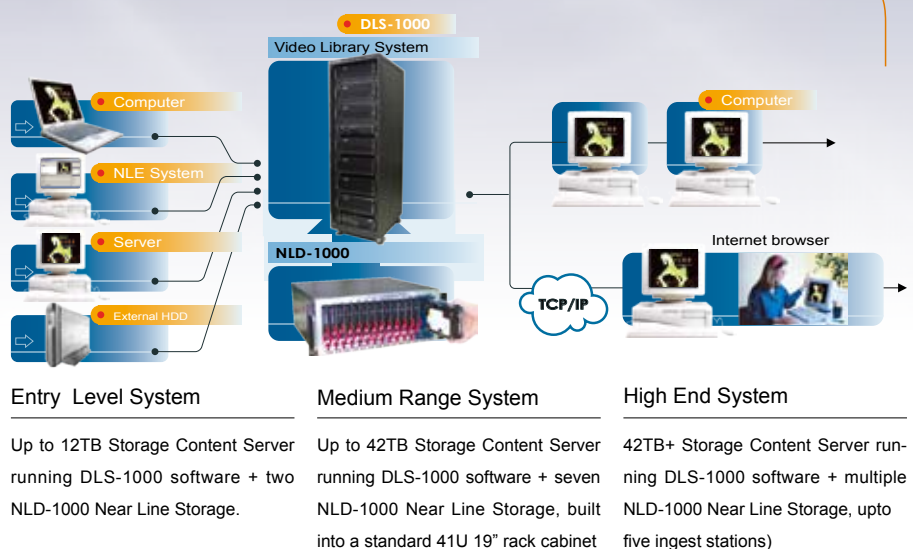
It utilises icons, metadata and automatically generated low resolution WMV files for easy browsing of archived footage via a web browser.

Original files are stored and mirrored on the NLD-1000 external hard drive solution, ensuring data is secure at all times.

Features

- Low resolution easy to view Windows™ movie files and icons are automatically created during ingest
- You can add metadata during ingest
- Simple web based search engine
- Internet & Ethernet access to low resolution preview files
- Supported file formats: DV25, HDV (.m2t) MPEG 1 & 2, QuickTime, (.MOV), HQWMV
- Mirrored backup
- Perfect for Video On Demand applications
- Extremely affordable archiving solution
- Attach up to three files to each video clip (e.g. text documents, images etc.)

Application Diagram



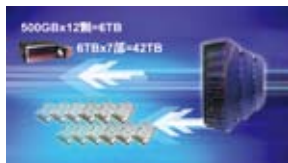
Features

Easy System Expansion



The DLS-1000 can be built to any size to meet any system requirements. Multiple NLD-1000 can be added to expand storage as needed.

Scalable Storage Capacity



Up to seven NLD-1000 can be installed into a 41U rack cabinet giving the DLS-1000 storage capacity of 42TB

User Interface



During ingest DLS-1000 automatically creates an icon for each scene within the movie. Scenes can be instantly accessed by clicking on the icon.

Secure Data

The original high resolution files are stored and mirrored on the backup drive, while the low resolution .WMV files are instantly available for browsing.

LAN & WAN Access



Users can easily search through the movies over LAN or WAN. Search and queries can be carried out visually or via metadata

User Workflow



Users can browse the low resolution .WMV file via the web interface. Sequences can be marked, for download, and a request can be sent to the system administrator, who can then download the sequence from the original file.

Easy Archiving



During ingest in the original format, the DLS-1000 automatically produces a low resolution WMV file, which enables easy browsing. The WMV file is linked to the original high resolution file, for automatic retrieval in high resolution.

Supported Formats



DV25(.avi), HDV(.M2T), VCD MPEG-1 (.dat .mpg), DVD MPEG-2 (.vob .mpg), Quicktime (.MOV) formats.

Features

NLD-1000

NLD-1000 is a mass external storage device, communicating with DLS-1000 via USB 2.0. Each NLD-1000 module contains up to twelve SATA drives and up to a total of sixteen modules can be daisy chained, allowing for a total of 192 harddrives to be connected to one system.

The supplied disk management software independently powers up each drive as it is required, reducing heat, drive wear, noise, and energy consumption.

Files in NLD-1000 storage are protected by data mirror and regular software diagnostics to keep all files in a healthy state.

All of these features contribute to an inexpensive and reliable storage solution.



DLS-1000 System Specification

- Microsoft Windows Server 2003 operating system.
- 19-inch industry standard frame-2U box.
- Pentium 3.0 GHz Intel CPUs or higher.
- 512MB RAM or higher (1GB Recommended).
- 36 GB min. system hard drive.
- 250GB storage hard drive.
- DVD-ROM Drive.
- 10/100/1000 Mbps network interface (Gigabyte recommended)
- USB 2.0 interface.
- Sound Card.

NLD-1000 System Specification

- 4U -19" rack mountable housing.
- 12 separate SATA hard drive enclosures.
- Intuitive hard drive management software
- Status LED's for each drive.
- Power: AC-90~250V, 100Watts.
- Size: 17.6 cm high, 48.3 cm width, 41.7 cm length. (4U - 19").
- Weight: 13.5 kgs. (excluding hard drives).

Time Base Correctors



VP-299



TBC-1000



TBC-7000



TBC-7000 Rackmountable

Features

- Stand Alone TBC
- 8-bit Video Resolution 4:2:2 Sampling Rate
- 4:2:2 Sampling rate 13.5MHz
- Metal Construction – suitable for Commercial Applications
- Perfect for application with VHS, VHS-C, S-VHS, Video-8, Hi-8, & Digital-8.

TBC Comparison Chart

Features	TBC-1000	TBC-7000	VP-299
Frame Synchronizer	1	2	
Inputs	1	2	1
Output	4	2	4
Distribution amplifier (4-Outputs)	○		○
S-Video (Y/C)	○	○	○
Image Correction		○	
Chroma Key		Dual	
Colour Bar Out		○	

SDI Distribution Amplifier

VP-445



Four way HD/SD SDI Distribution Amplifier

Features

- 1 Input / 4 Output
- HD/SD SDI Connections
- Low Power Consumption
- Metal Case

Rear View



Front View



Specifications

Power: DC12V 500mA

Dimensions: 123mm (L) x 89 mm (W)
x 25mm (H)

Weight: 300g

Accessories

MPEG-1 / MPEG 2 Player



CP-100 Pro

Balanced / Unbalanced Audio Converter



BAC-03

DV Repeater 1:1



VP-314

DV Repeater 1:5



VP-332

Tally Box with Tally Indicator for SE-500



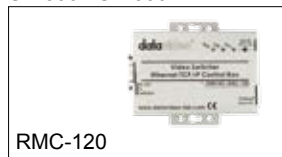
TB-5

Tally Box with Tally Indicator for SE-1000



TB-10

IP / Internet Control Box for SE-800 / SE-800AV



RMC-120

IP / Internet Control Box for SE-500



RMC-150

Next Source & Tally box for SE-800



RMC-140

Balanced to Unbalanced (XLR to RCA) audio attenuator (set of 2, 10dB)



CAD-01

Intercom beltpack



ITC-100SL

Tally Light Indicator



TD-1

Ball & socket head for connecting LCD monitor or similar to a tripod or stand.



BH-06

Intercom Gooseneck Microphone for ITC-100



MC-2

Intercom Gooseneck Light for ITC-100



LP-1

10-18V DC Voltage Stabiliser for DN-100/DN-300



DDC-1512

| Holders & Rear Panels

DAC15/DVK100 Rack Mount Kit



DAC-5JF

TLM702 Monitor Holder



TLM-702JF

TLM404/702 Combined Holder



TLM-407JF

TLM-433 Monitor /ITC-100 Intercom Combined Holder



TLM-433JF

Analogue Video Panel



RP-1

Digital & Analogue Video Panel



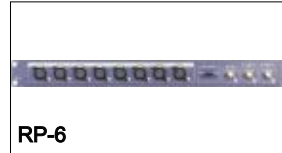
RP-2

RMC-140 Tally Light & BAC-03 Balanced Audio Panel



RP-4

5-Pin XLR Talkback Cable & SDI Overlay Panel

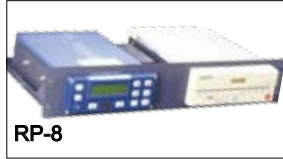


RP-6

RMC140 Tally light, Next Source and DV Out Panel



DN-100/300 Recorder & DV/ HDV Deck Holder/Panel



Bespoke Shelf for Datavideo SE-800/SE-800AV



Bespoke Shelf for Datavideo SE-500



Universal DVD Recorder/Player Holder/Panel



ITC-100 Talkback Rear Patch Panel For MS-500



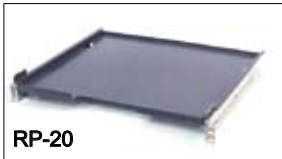
Video & Audio Rear Patch Panel For MS-500



Universal DV/HDV Deck - Recorder/Player Holder/Panel



Universal Sliding Tray/Shelf for MS-1000/MS-800/MS-500



Cabling

1.8m 4-pin to 4-pin DV Cable



1.8m 6-pin to 4-pin DV Cable



1.8m 6-pin to 6-pin DV Cable



4-pin to 6-pin adapter



10m IEEE1394 DV Cable



20m IEEE1394 DV Cable



40m IEEE1394 DV Cable



50m 3.5mm Jack Tally Cable



2 x S-Video (Y/C) Splitter Cable



20m 5-Pin Intercom Cable



50m 5-Pin Intercom Cable



GPI Cable 1.2m



3.5mm Jack to XLR Adapter for ITC-100 Headset



1.8m DVI-I Cable



3m HD/SD YUV Cable



50/100m SDI BNC Cable

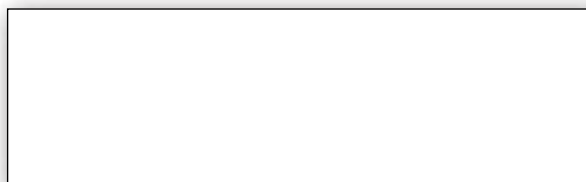


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